Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
Data File : FE052387.D
Signal(s) : FID1B.ch
Acq On : 14 Feb 2025 11:03
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Feb 14 21:57:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.915	3538546	18.930 ug/ml
Spiked Amount	50.000		Recovery =	37.86%
12) S	1-chlorooctadecane (S...	13.361	2647389	19.047 ug/ml
Spiked Amount	50.000		Recovery =	38.09%
	Target Compounds			
1) T	n-Nonane (C9)	3.254	2873839	18.722 ug/ml
2) T	n-Decane (C10)	4.516	3039853	19.463 ug/ml
3) T	A~Naphthalene (C11.7)	6.227	3354386	19.415 ug/ml
4) T	n-Dodecane (C12)	6.698	3088460	19.567 ug/ml
5) T	A~2-methylnaphthalene...	7.330	3282194	19.543 ug/ml
6) T	n-Tetradecane (C14)	8.535	3066980	19.471 ug/ml
7) T	n-Hexadecane (C16)	10.150	3174976	19.426 ug/ml
8) T	n-Octadecane (C18)	11.600	3200002	19.340 ug/ml
10) T	n-Eicosane (C20)	12.916	3081445	19.329 ug/ml
11) T	n-Heneicosane (C21)	13.529	3013654	19.236 ug/ml
13) T	n-Docosane (C22)	14.118	3037210	19.407 ug/ml
14) T	n-Tetracosane (C24)	15.225	3094465	19.676 ug/ml
15) T	n-Hexacosane (C26)	16.249	3076557	19.863 ug/ml
16) T	n-Octacosane (C28)	17.202	3109624	20.329 ug/ml
17) T	n-Tricontane (C30)	18.092	3217245	20.610 ug/ml
18) T	n-Dotriacontane (C32)	18.927	3126675	20.433 ug/ml
19) T	n-Tetratriacontane (C34)	19.713	2671880	18.781 ug/ml
20) T	n-Hexatriacontane (C36)	20.454	2232602	17.913 ug/ml
21) T	n-Octatriacontane (C38)	21.198	1996368	18.265 ug/ml
22) T	n-Tetracontane (C40)	22.120	1936982	19.256 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

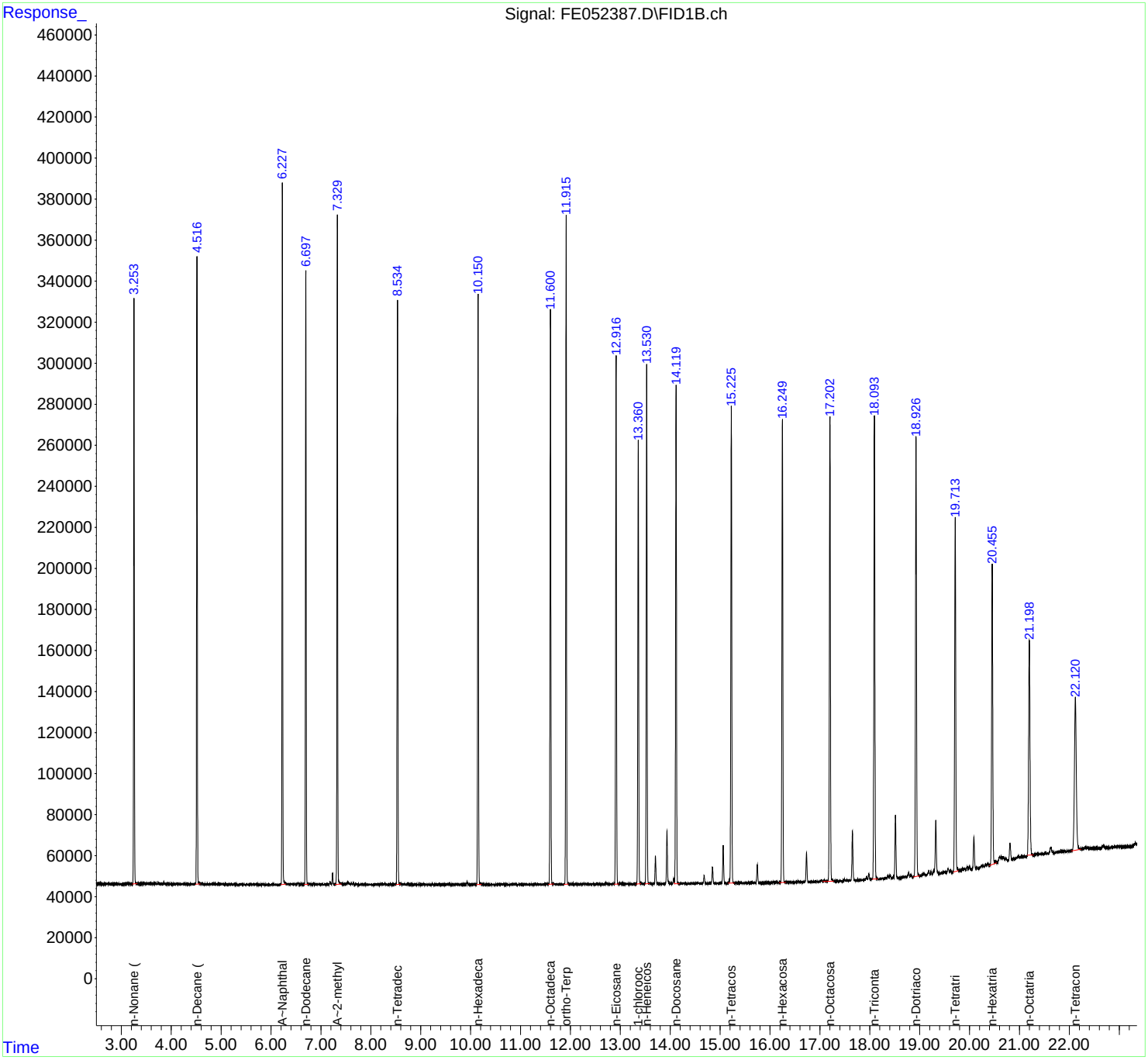
Quantitation Report (Not Reviewed)

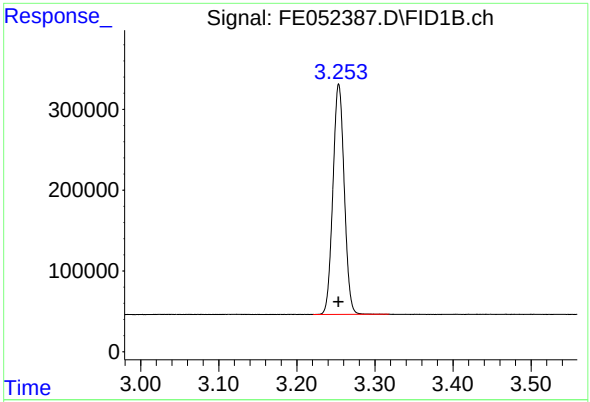
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
Data File : FE052387.D
Signal(s) : FID1B.ch
Acq On : 14 Feb 2025 11:03
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Feb 14 21:57:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

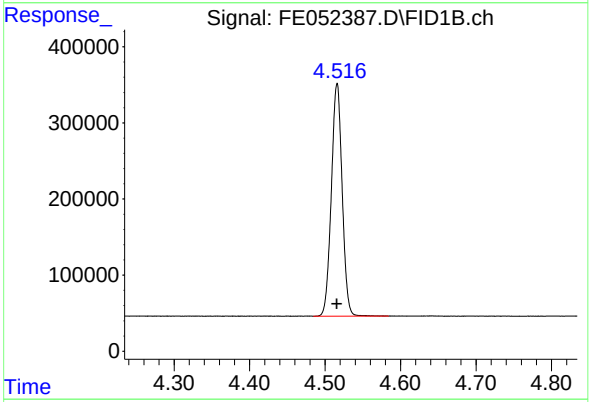




#1 n-Nonane (C9)

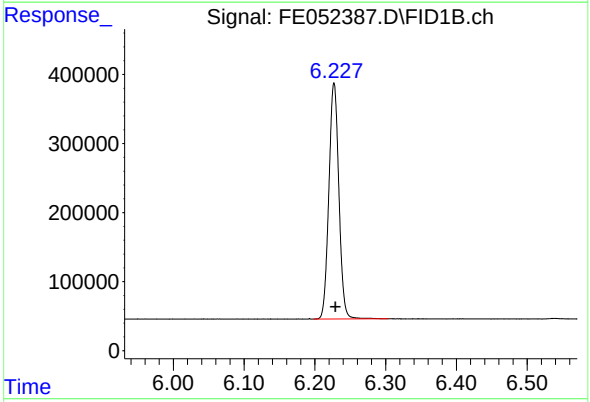
R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 2873839
Conc: 18.72 ug/ml

Instrument :
FID_E
ClientSampleId :



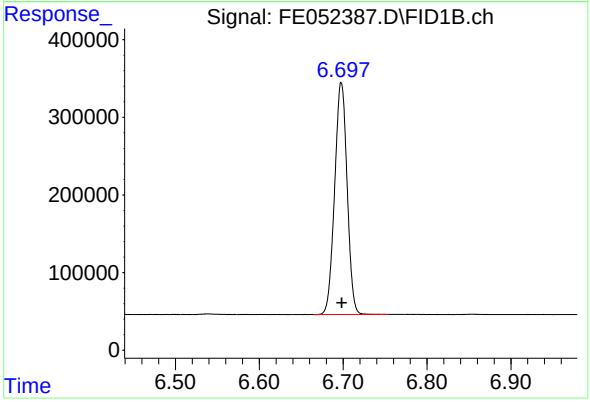
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3039853
Conc: 19.46 ug/ml



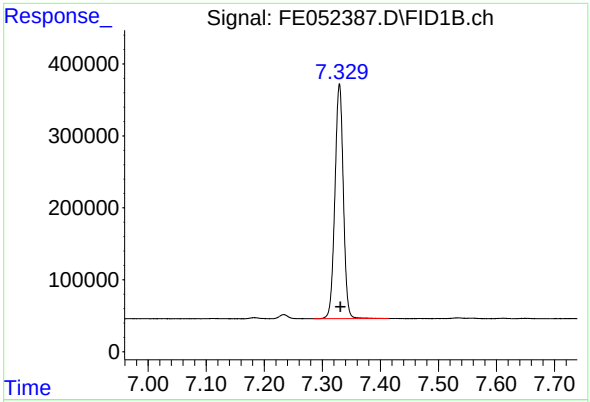
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 3354386
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

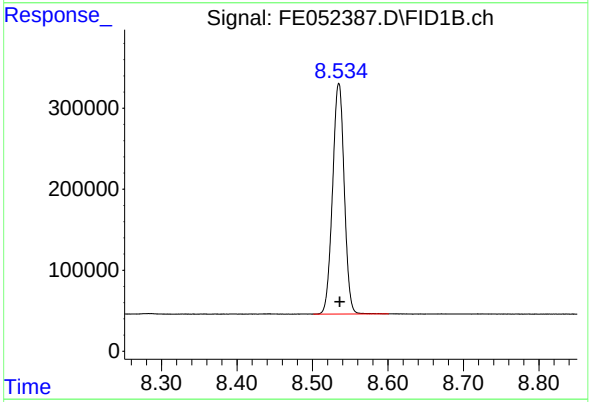
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3088460
Conc: 19.57 ug/ml



#5 A~2-methylnaphthalene (C12.89)

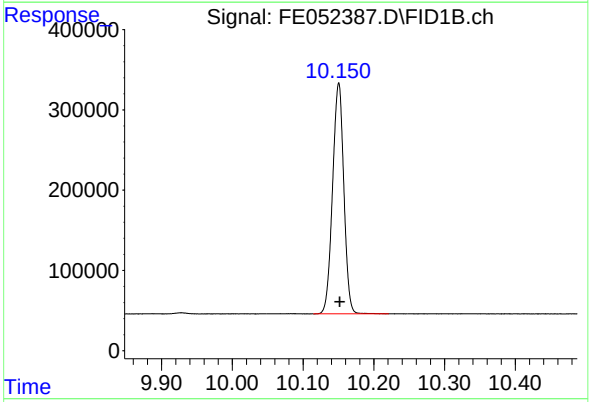
R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 3282194
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :



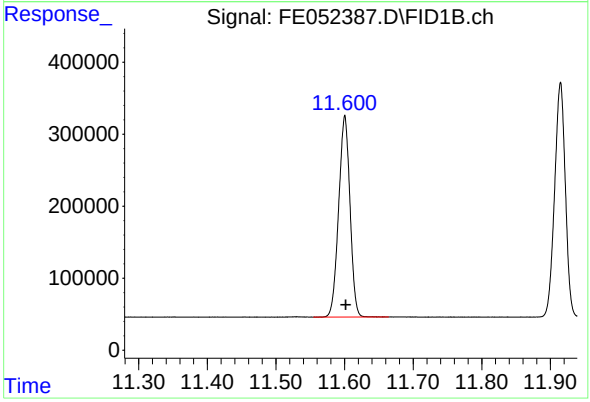
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 3066980
Conc: 19.47 ug/ml



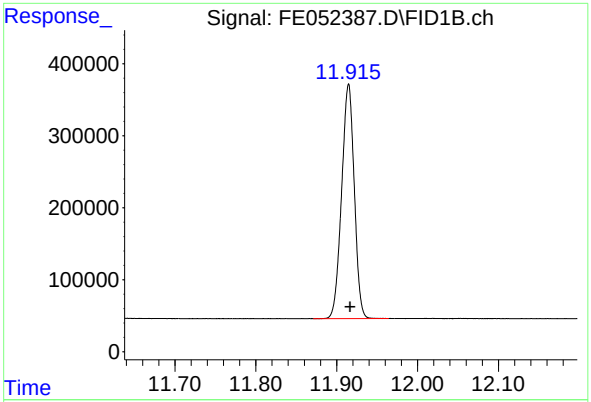
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.002 min
Response: 3174976
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

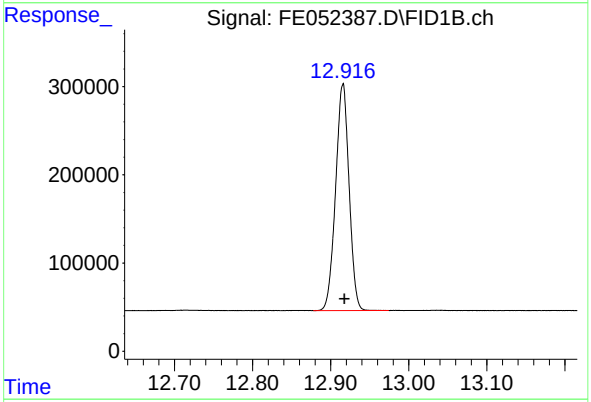
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 3200002
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

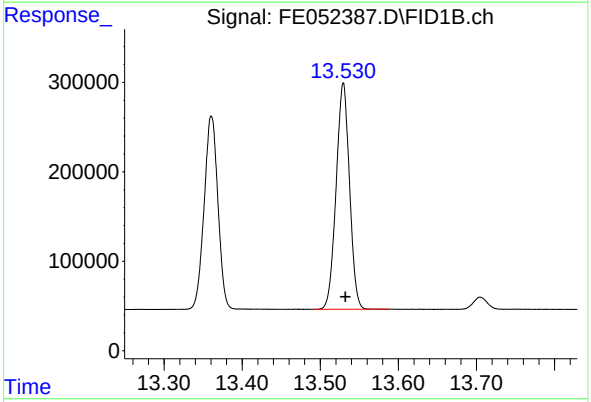
R.T.: 11.915 min
Delta R.T.: -0.002 min
Response: 3538546
Conc: 18.93 ug/ml

Instrument :
FID_E
ClientSampleId :



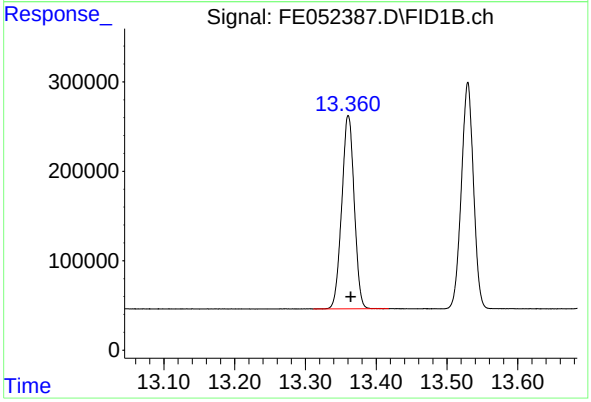
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 3081445
Conc: 19.33 ug/ml



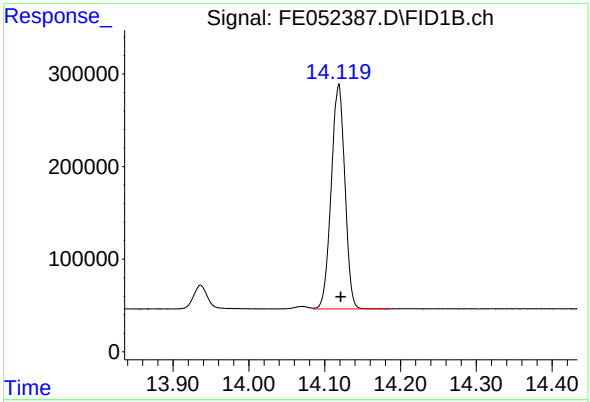
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.003 min
Response: 3013654
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

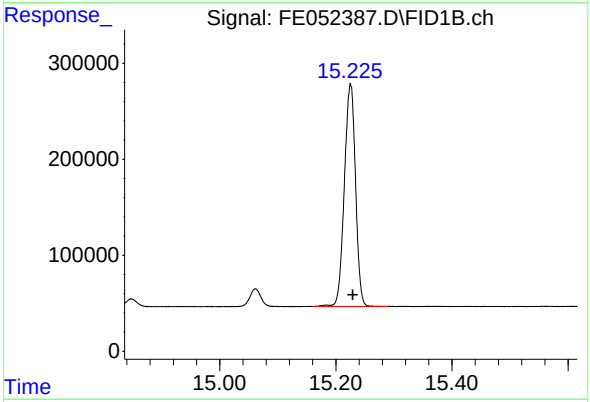
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 2647389
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

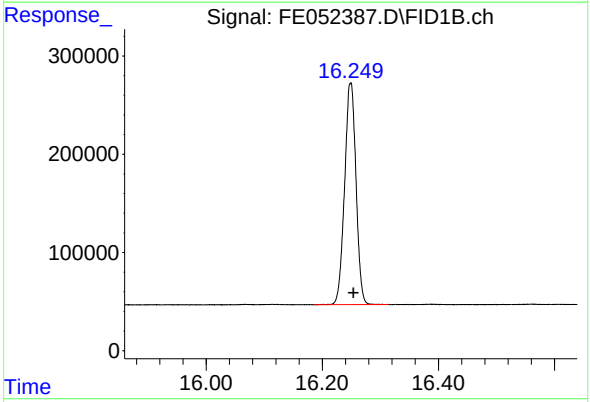
R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 3037210
Conc: 19.41 ug/ml

Instrument :
FID_E
ClientSampleId :



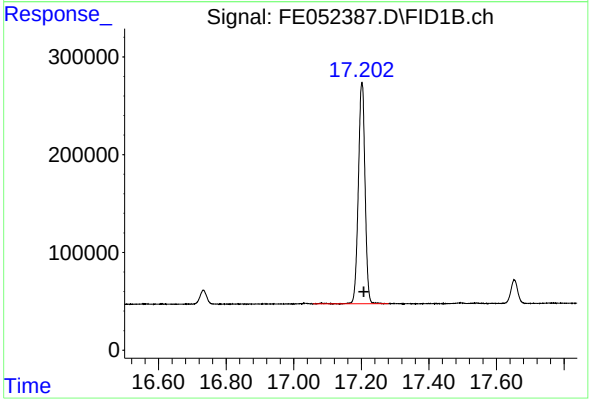
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.004 min
Response: 3094465
Conc: 19.68 ug/ml



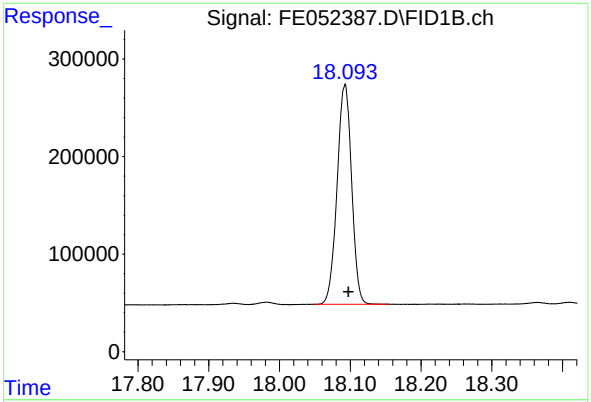
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.005 min
Response: 3076557
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

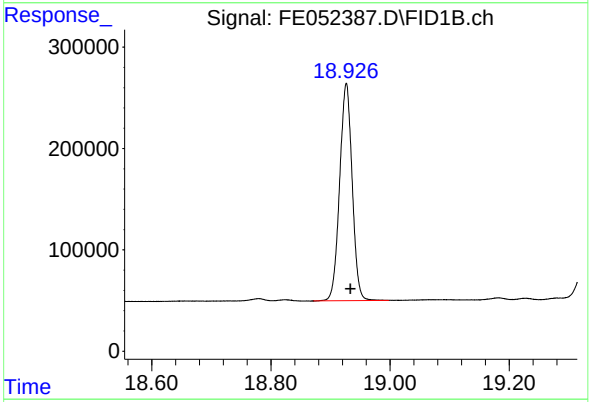
R.T.: 17.202 min
Delta R.T.: -0.006 min
Response: 3109624
Conc: 20.33 ug/ml



#17 n-Tricontane (C30)

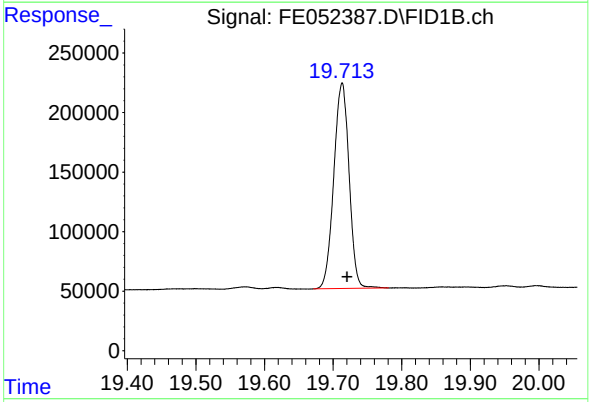
R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 3217245
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :



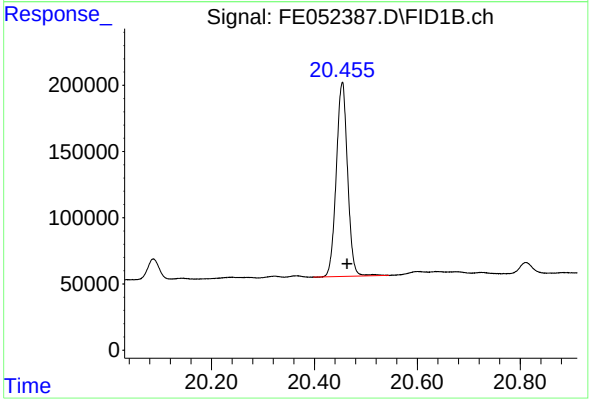
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.007 min
Response: 3126675
Conc: 20.43 ug/ml



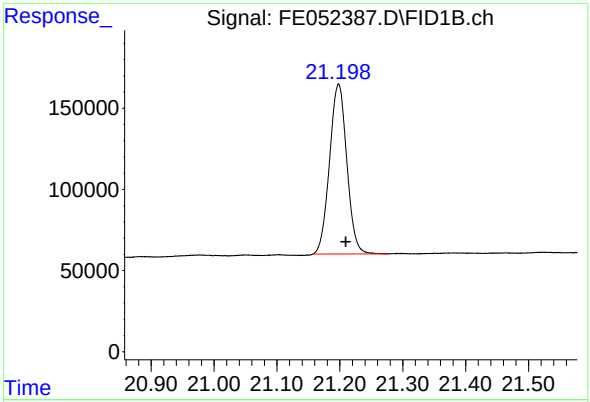
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.008 min
Response: 2671880
Conc: 18.78 ug/ml



#20 n-Hexatriacontane (C36)

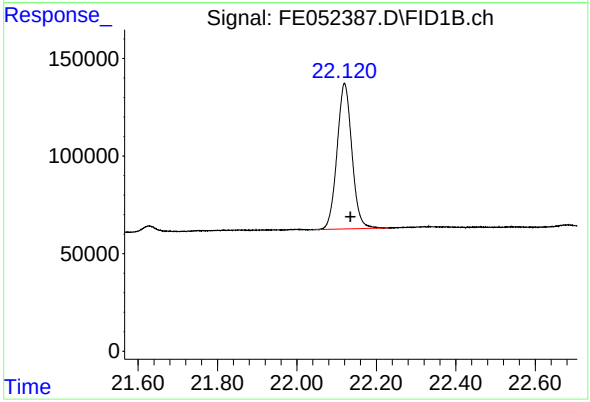
R.T.: 20.454 min
Delta R.T.: -0.010 min
Response: 2232602
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.012 min
Response: 1996368
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.015 min
Response: 1936982
Conc: 19.26 ug/ml