Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
Data File : FE052962.D
Signal(s) : FID1B.ch
Acq On : 25 Mar 2025 17:56
Operator : YP\AJ
Sample : Q1634-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Mar 26 03:26:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 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)	11.911	7912416	46.934 ug/ml
Spiked Amount	50.000		Recovery =	93.87%
12) S	1-chlorooctadecane (S...	13.356	3669218	30.218 ug/ml
Spiked Amount	50.000		Recovery =	60.44%
	Target Compounds			
1) T	n-Nonane (C9)	3.243	108964	0.703 ug/ml
2) T	n-Decane (C10)	4.507	947056	6.029 ug/ml
3) T	A~Naphthalene (C11.7)	6.249	1709438	10.080 ug/ml
4) T	n-Dodecane (C12)	6.692	5215537	33.498 ug/ml
5) T	A~2-methylnaphthalene...	7.331	3729110	23.011 ug/ml
6) T	n-Tetradecane (C14)	8.533	10209049	67.471 ug/ml
7) T	n-Hexadecane (C16)	10.148	11084698	72.502 ug/ml
8) T	n-Octadecane (C18)	11.597	9471661	62.256 ug/ml
10) T	n-Eicosane (C20)	12.910	5623068	38.733 ug/ml
11) T	n-Heneicosane (C21)	13.524	3655362	25.682 ug/ml
13) T	n-Docosane (C22)	14.112	2356943	16.562 ug/ml
14) T	n-Tetracosane (C24)	15.218	755210	5.277 ug/ml
15) T	n-Hexacosane (C26)	16.243	486351	3.420 ug/ml
16) T	n-Octacosane (C28)	17.197	577976	4.065 ug/ml
17) T	n-Tricontane (C30)	18.087	777217	5.262 ug/ml
18) T	n-Dotriacontane (C32)	18.925	519032	3.575 ug/ml
19) T	n-Tetratriacontane (C34)	19.712	327620	2.431 ug/ml
20) T	n-Hexatriacontane (C36)	20.454	194787	1.639 ug/ml
21) T	n-Octatriacontane (C38)	21.197	268528	2.421 ug/ml
22) T	n-Tetracontane (C40)	22.132	1049826	9.710 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
Data File : FE052962.D
Signal(s) : FID1B.ch
Acq On : 25 Mar 2025 17:56
Operator : YP\AJ
Sample : Q1634-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
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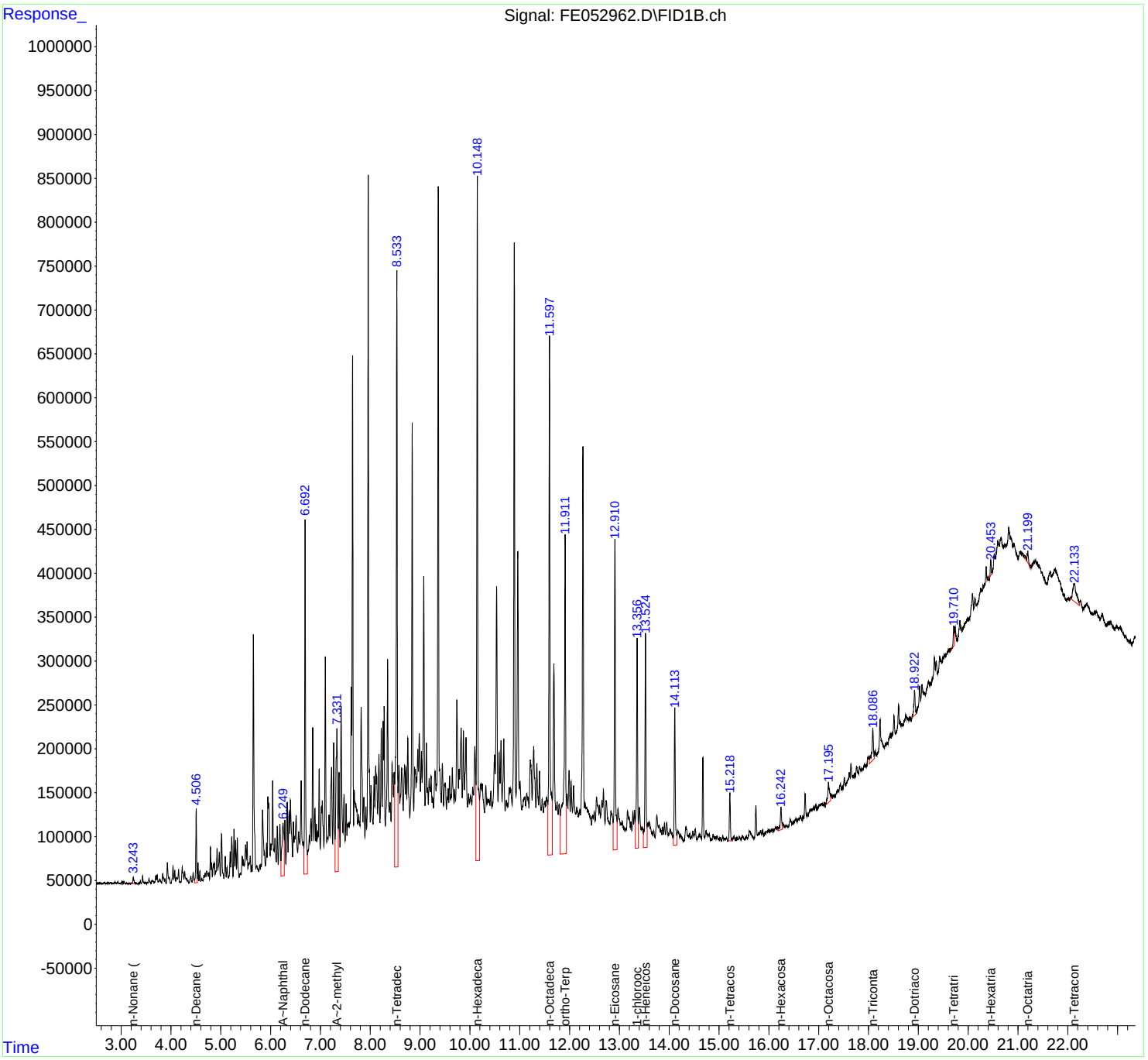
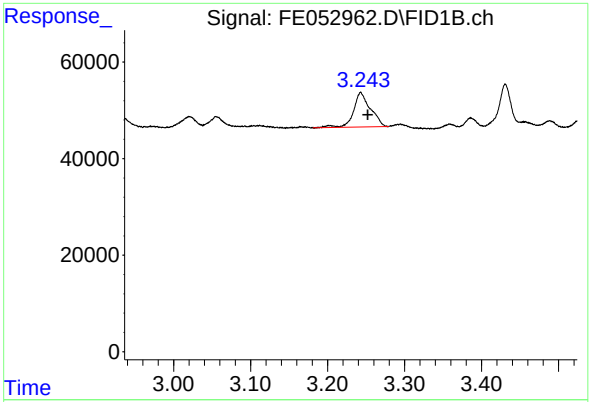
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

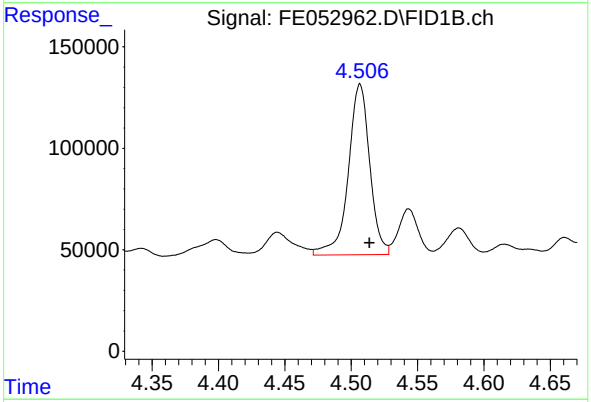




#1 n-Nonane (C9)

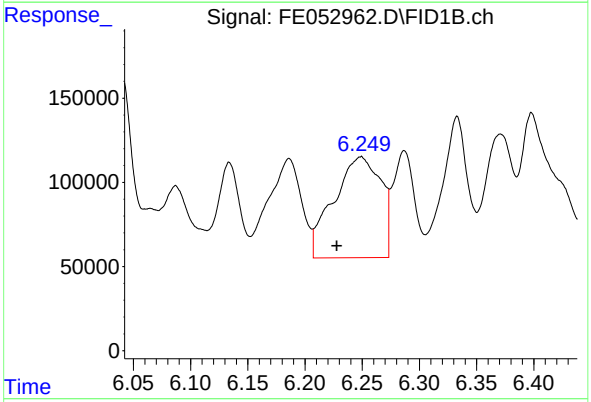
R.T.: 3.243 min
Delta R.T.: -0.009 min
Response: 108964
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



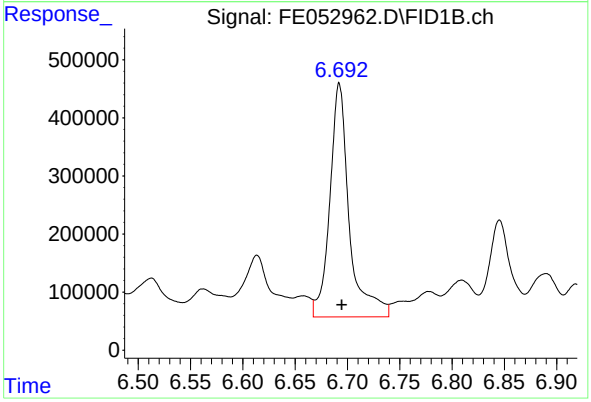
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 947056
Conc: 6.03 ug/ml



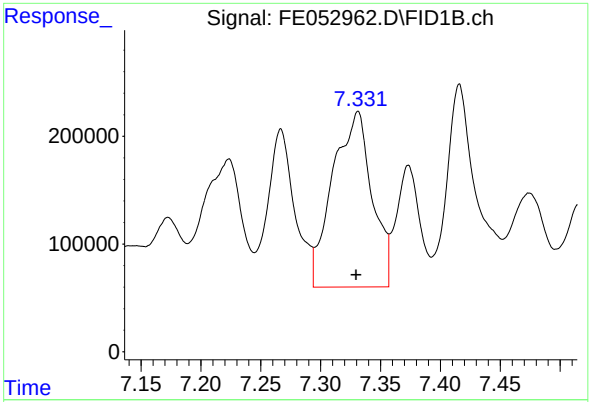
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: 0.021 min
Response: 1709438
Conc: 10.08 ug/ml



#4 n-Dodecane (C12)

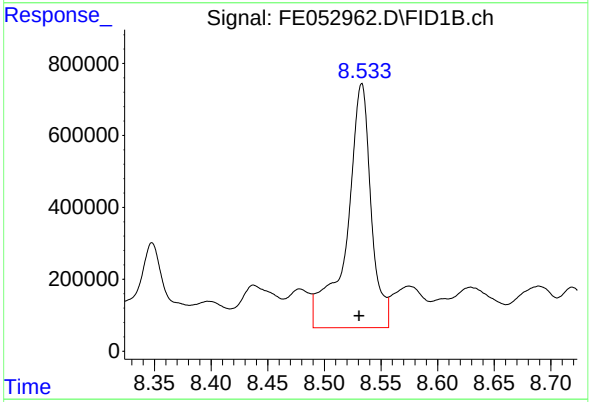
R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 5215537
Conc: 33.50 ug/ml



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

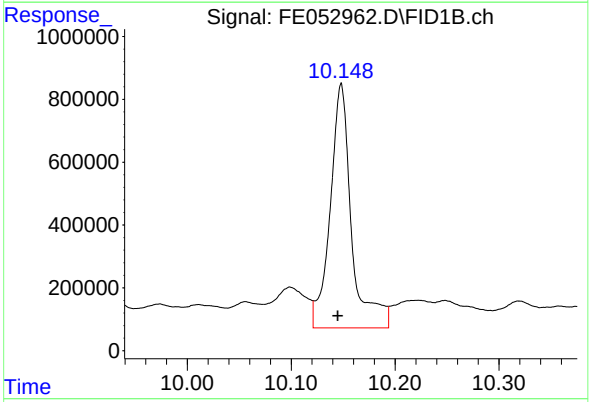
R.T.: 7.331 min
Delta R.T.: 0.001 min
Response: 3729110
Conc: 23.01 ug/ml

Instrument :
FID_E
ClientSampleId :



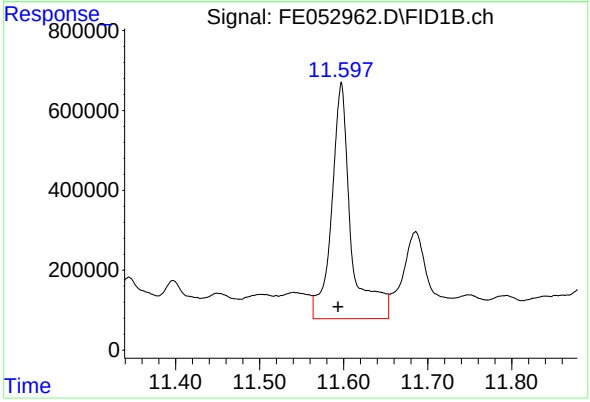
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 10209049
Conc: 67.47 ug/ml



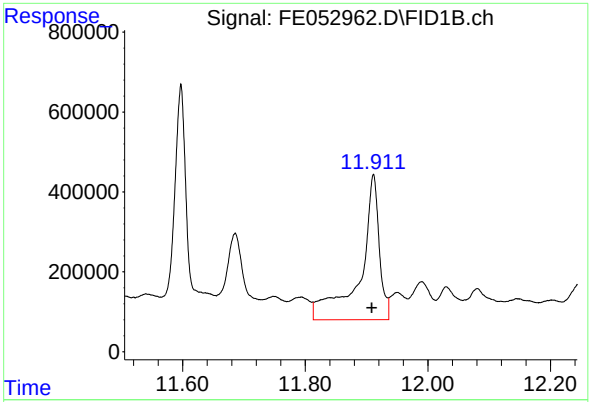
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: 0.003 min
Response: 11084698
Conc: 72.50 ug/ml



#8 n-Octadecane (C18)

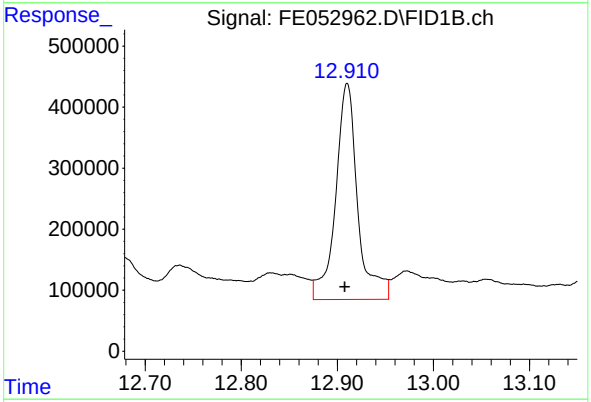
R.T.: 11.597 min
Delta R.T.: 0.004 min
Response: 9471661
Conc: 62.26 ug/ml



#9 ortho-Terphenyl (SURR)

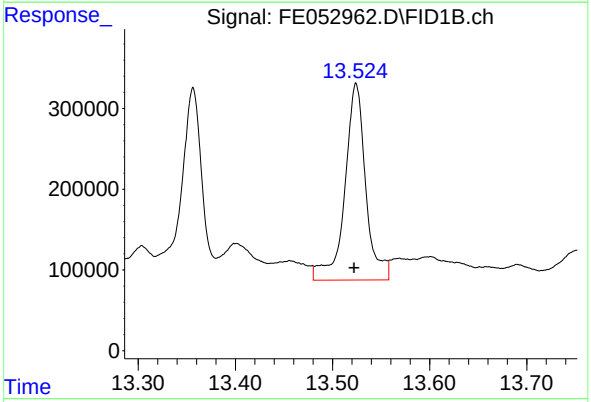
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 7912416
Conc: 46.93 ug/ml

Instrument :
FID_E
ClientSampleId :



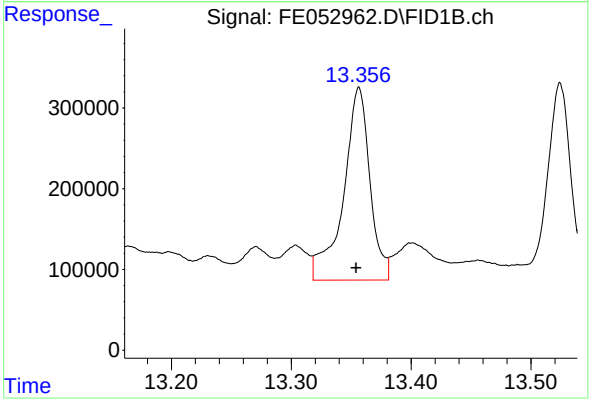
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.003 min
Response: 5623068
Conc: 38.73 ug/ml



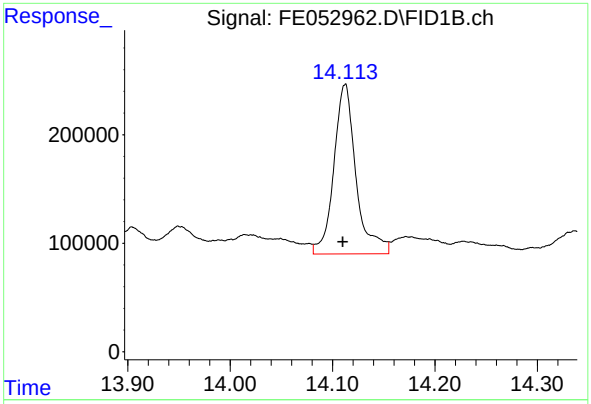
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 3655362
Conc: 25.68 ug/ml



#12 1-chlorooctadecane (SURR)

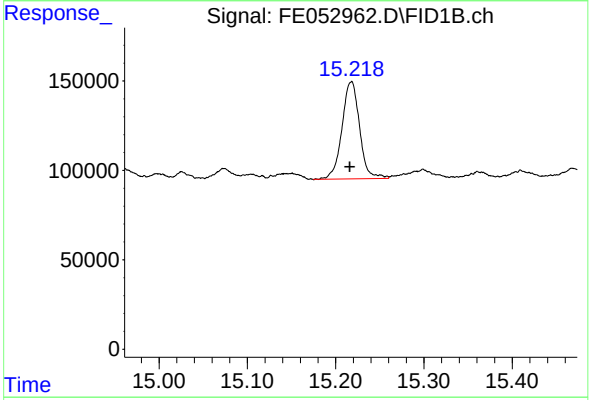
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 3669218
Conc: 30.22 ug/ml



#13 n-Docosane (C22)

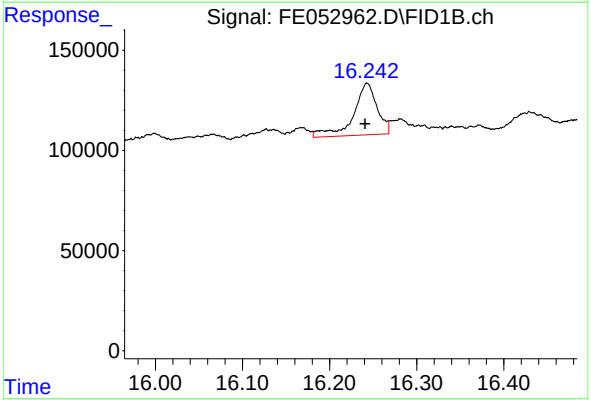
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 2356943
Conc: 16.56 ug/ml

Instrument :
FID_E
ClientSampleId :



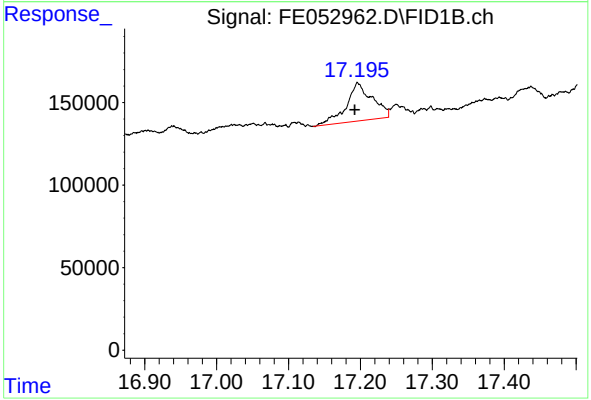
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 755210
Conc: 5.28 ug/ml



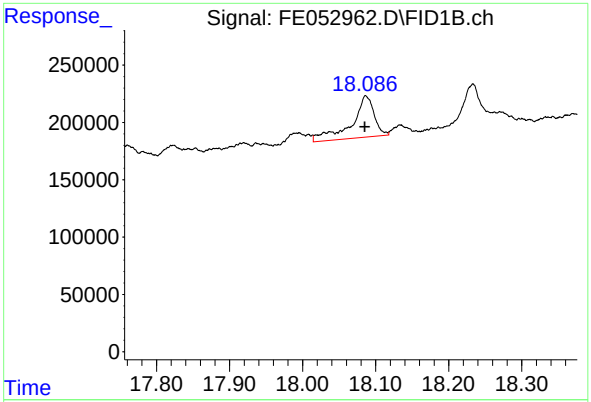
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 486351
Conc: 3.42 ug/ml



#16 n-Octacosane (C28)

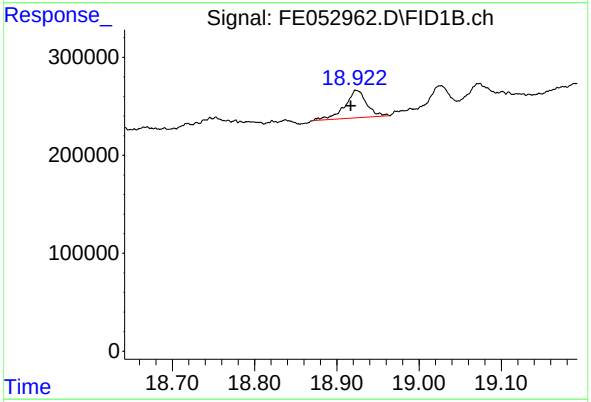
R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 577976
Conc: 4.06 ug/ml



#17 n-Tricontane (C30)

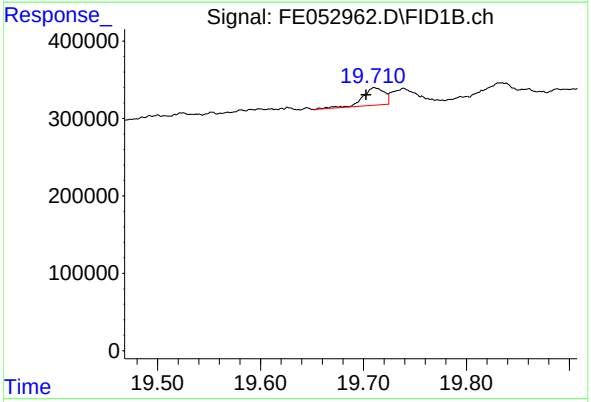
R.T.: 18.087 min
Delta R.T.: 0.002 min
Response: 777217
Conc: 5.26 ug/ml

Instrument :
FID_E
ClientSampleId :



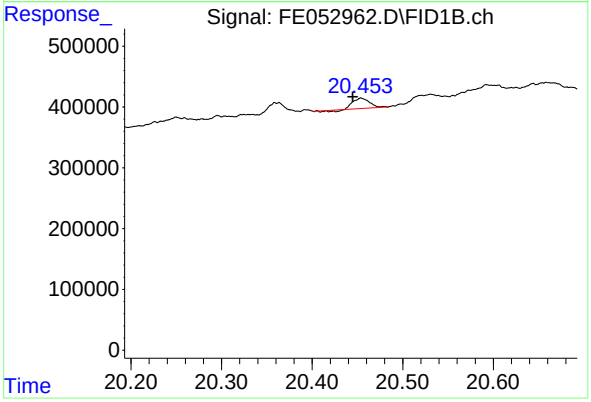
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: 0.008 min
Response: 519032
Conc: 3.58 ug/ml



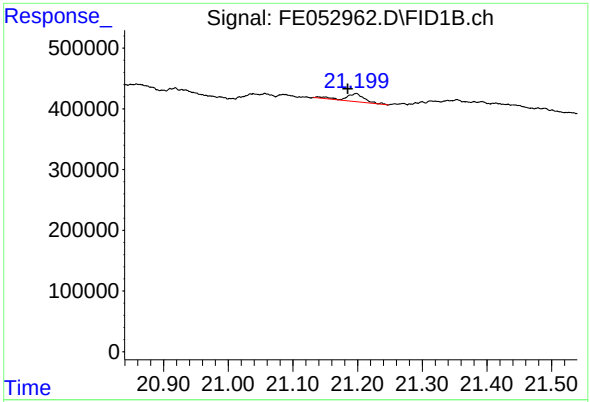
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: 0.009 min
Response: 327620
Conc: 2.43 ug/ml



#20 n-Hexatriacontane (C36)

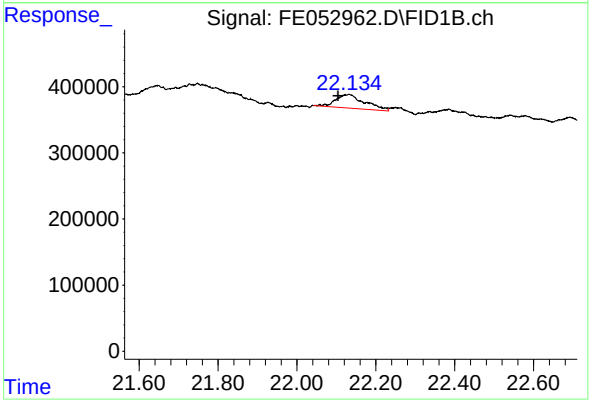
R.T.: 20.454 min
Delta R.T.: 0.010 min
Response: 194787
Conc: 1.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.012 min
Response: 268528
Conc: 2.42 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: 0.028 min
Response: 1049826
Conc: 9.71 ug/ml