Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051225AL\
Data File : FF015819.D
Signal(s) : FID2B.ch
Acq On : 12 May 2025 13:55
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :

Integration File: autoint1.e
Quant Time: May 12 16:05:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 16:00:20 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)	11.936	6903887	48.829 ug/ml
Spiked Amount	50.000		Recovery =	97.66%
12) S	1-chlorooctadecane (S...	13.369	5265345	48.846 ug/ml
Spiked Amount	50.000		Recovery =	97.69%
	Target Compounds			
1) T	n-Nonane (C9)	3.308	5295598	49.094 ug/ml
2) T	n-Decane (C10)	4.565	5322883	49.040 ug/ml
3) T	A~Naphthalene (C11.7)	6.278	5336710	50.150 ug/ml
4) T	n-Dodecane (C12)	6.732	5421660	48.870 ug/ml
5) T	A~2-methylnaphthalene...	7.376	5155241	51.777 ug/ml
6) T	n-Tetradecane (C14)	8.559	5403718	48.924 ug/ml
7) T	n-Hexadecane (C16)	10.167	5444149	48.964 ug/ml
8) T	n-Octadecane (C18)	11.610	5546200	48.862 ug/ml
10) T	n-Eicosane (C20)	12.920	5604077	48.759 ug/ml
11) T	n-Heneicosane (C21)	13.533	5619202	48.715 ug/ml
13) T	n-Docosane (C22)	14.120	5609658	48.706 ug/ml
14) T	n-Tetracosane (C24)	15.223	5626636	48.654 ug/ml
15) T	n-Hexacosane (C26)	16.246	5609367	48.660 ug/ml
16) T	n-Octacosane (C28)	17.196	5555976	48.620 ug/ml
17) T	n-Tricontane (C30)	18.083	5596771	48.517 ug/ml
18) T	n-Dotriacontane (C32)	18.916	5579052	48.246 ug/ml
19) T	n-Tetratriacontane (C34)	19.700	5286724	48.460 ug/ml
20) T	n-Hexatriacontane (C36)	20.439	5189728	49.331 ug/ml
21) T	n-Octatriacontane (C38)	21.176	4828634	48.488 ug/ml
22) T	n-Tetracontane (C40)	22.086	4632865	48.292 ug/ml

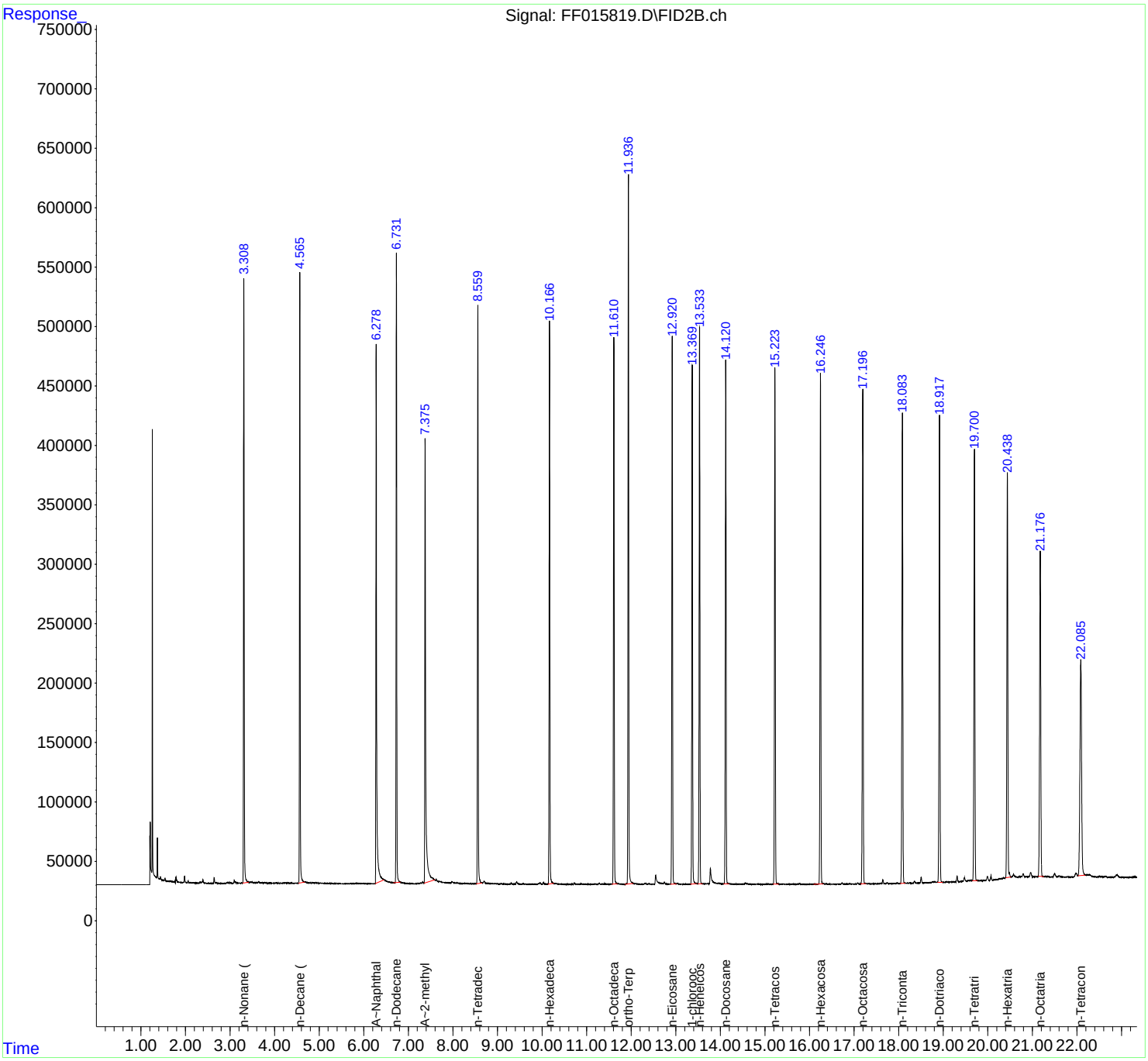
(f)=RT Delta > 1/2 Window (m)=manual int.

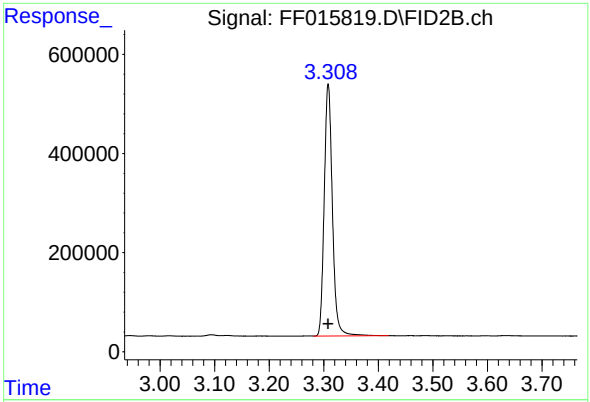
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051225AL\
Data File : FF015819.D
Signal(s) : FID2B.ch
Acq On : 12 May 2025 13:55
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :

Integration File: autoint1.e
Quant Time: May 12 16:05:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 16:00:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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

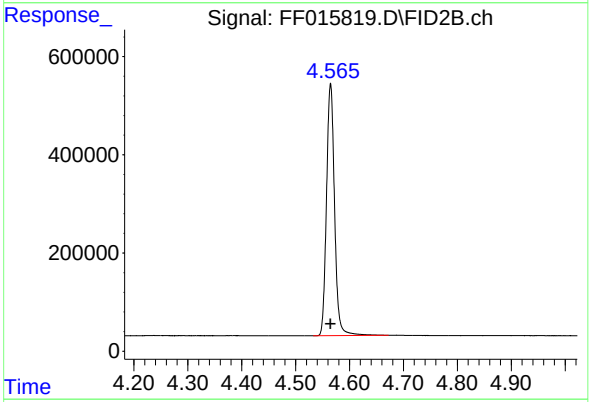




#1 n-Nonane (C9)

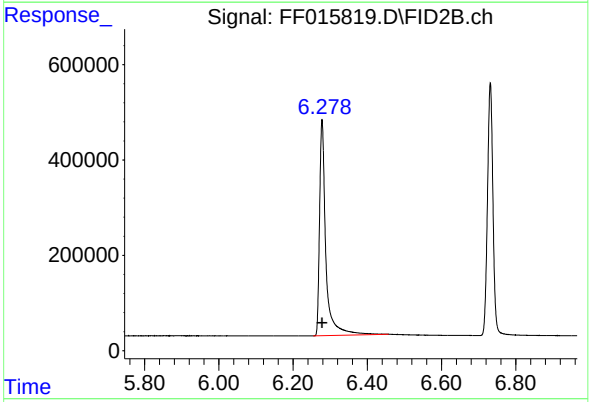
R.T.: 3.308 min
Delta R.T.: 0.000 min
Response: 5295598
Conc: 49.09 ug/ml

Instrument :
FID_F
ClientSampleId :



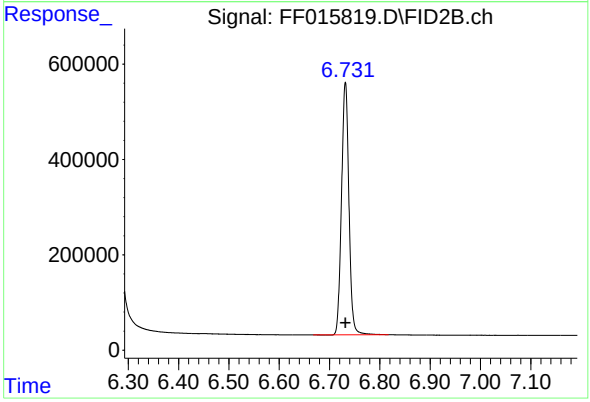
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 5322883
Conc: 49.04 ug/ml



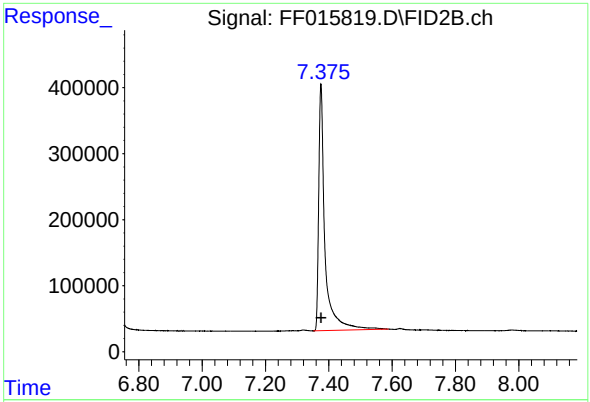
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 5336710
Conc: 50.15 ug/ml



#4 n-Dodecane (C12)

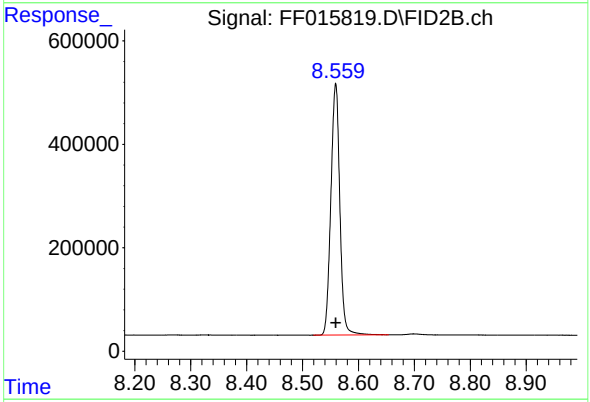
R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 5421660
Conc: 48.87 ug/ml



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

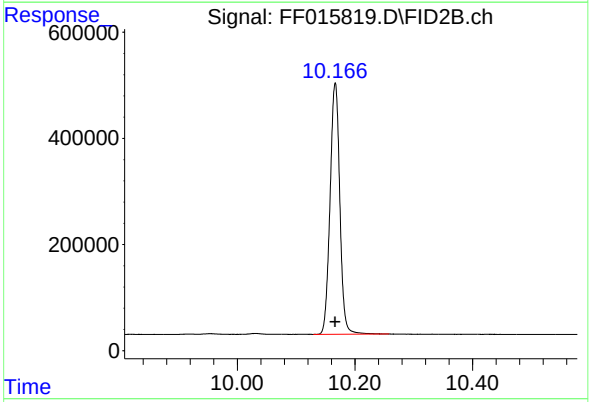
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 5155241
Conc: 51.78 ug/ml

Instrument :
FID_F
ClientSampleId :



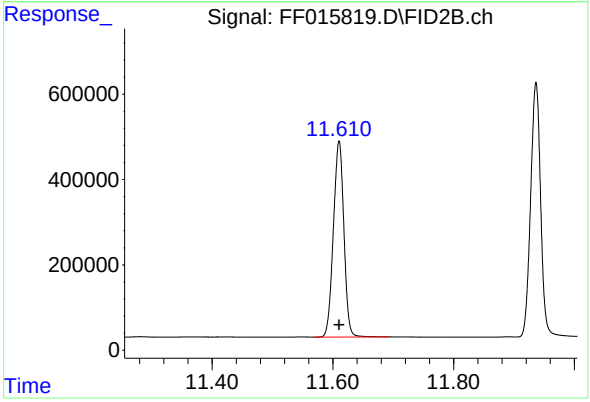
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 5403718
Conc: 48.92 ug/ml



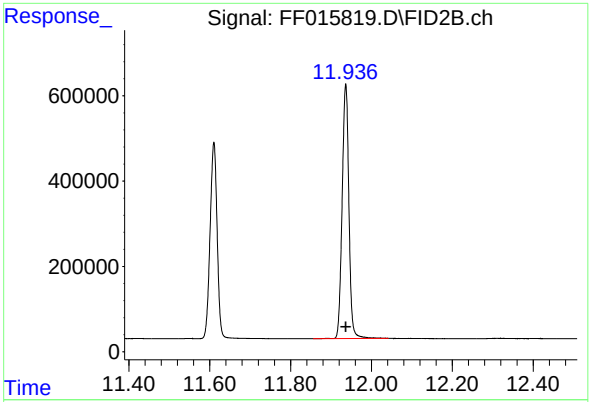
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: 0.000 min
Response: 5444149
Conc: 48.96 ug/ml



#8 n-Octadecane (C18)

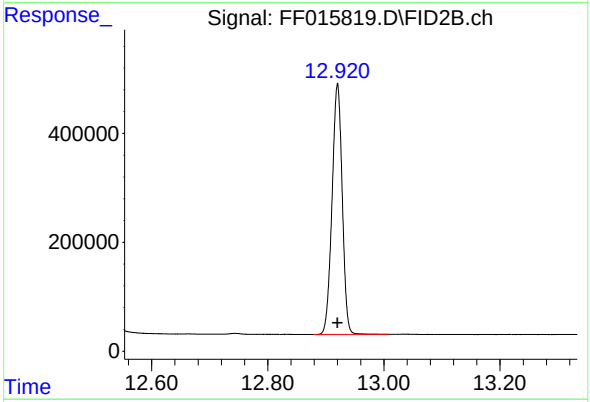
R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 5546200
Conc: 48.86 ug/ml



#9 ortho-Terphenyl (SURR)

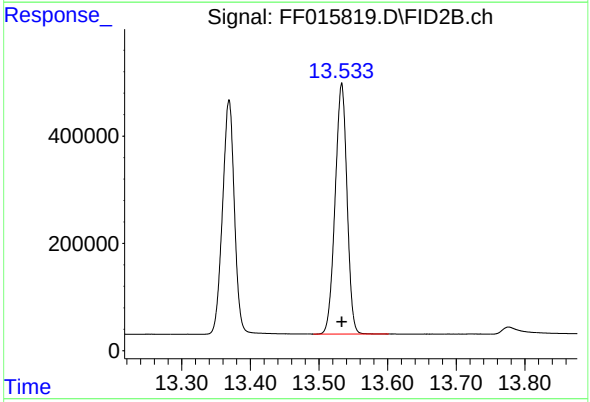
R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 6903887
Conc: 48.83 ug/ml

Instrument :
FID_F
ClientSampleId :



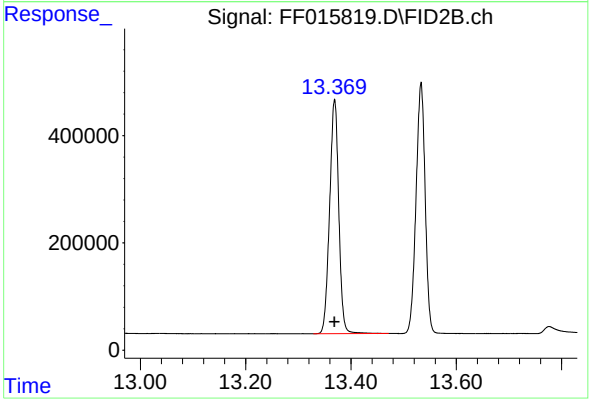
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 5604077
Conc: 48.76 ug/ml



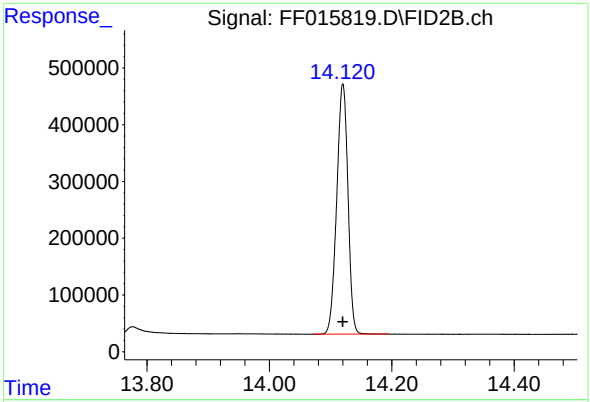
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 5619202
Conc: 48.71 ug/ml



#12 1-chlorooctadecane (SURR)

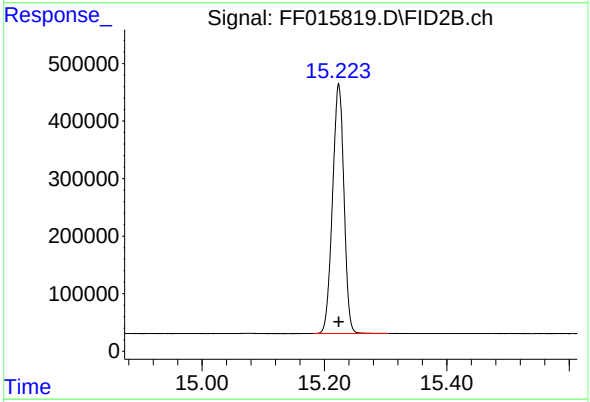
R.T.: 13.369 min
Delta R.T.: 0.000 min
Response: 5265345
Conc: 48.85 ug/ml



#13 n-Docosane (C22)

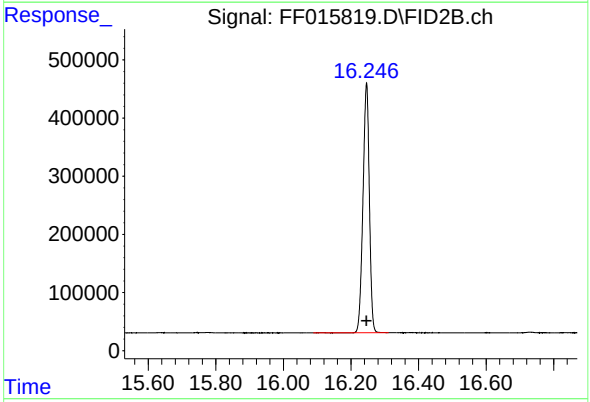
R.T.: 14.120 min
Delta R.T.: 0.000 min
Response: 5609658
Conc: 48.71 ug/ml

Instrument :
FID_F
ClientSampleId :



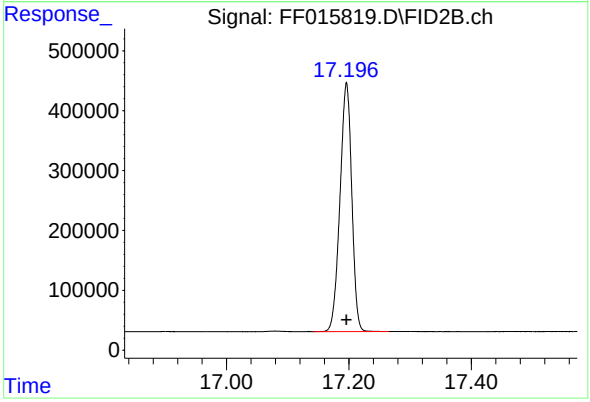
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.000 min
Response: 5626636
Conc: 48.65 ug/ml



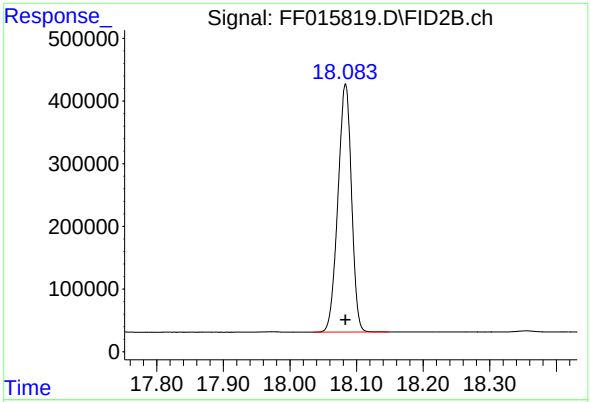
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.000 min
Response: 5609367
Conc: 48.66 ug/ml



#16 n-Octacosane (C28)

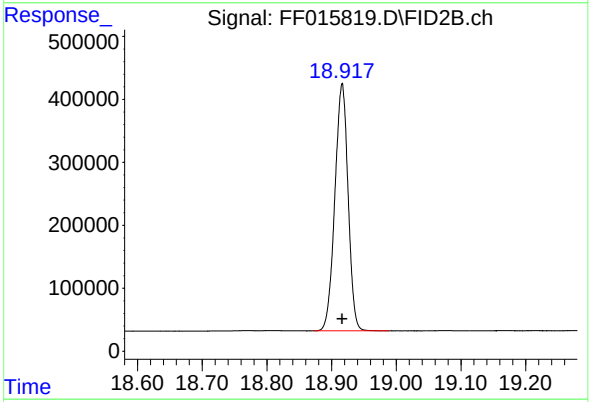
R.T.: 17.196 min
Delta R.T.: 0.000 min
Response: 5555976
Conc: 48.62 ug/ml



#17 n-Tricontane (C30)

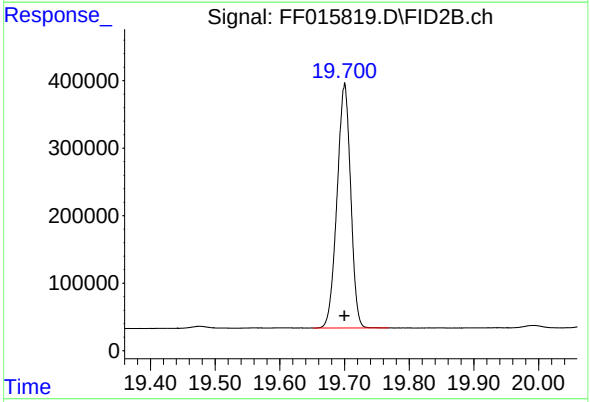
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 5596771
Conc: 48.52 ug/ml

Instrument :
FID_F
ClientSampleId :



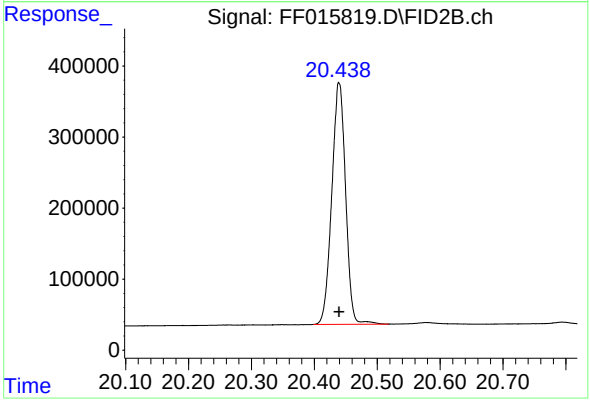
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.000 min
Response: 5579052
Conc: 48.25 ug/ml



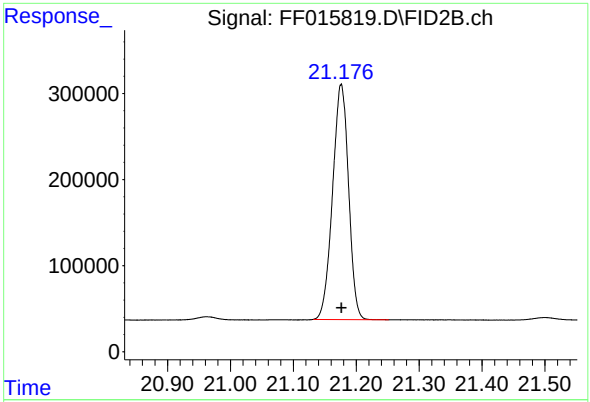
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 5286724
Conc: 48.46 ug/ml



#20 n-Hexatriacontane (C36)

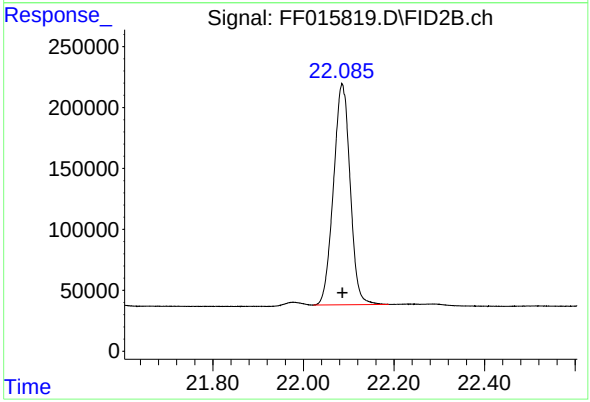
R.T.: 20.439 min
Delta R.T.: 0.000 min
Response: 5189728
Conc: 49.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 4828634
Conc: 48.49 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.000 min
Response: 4632865
Conc: 48.29 ug/ml