

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031225AL\
 Data File : FE052768.D
 Signal(s) : FID1B.ch
 Acq On : 12 Mar 2025 16:39
 Operator : YP\AJ
 Sample : Q1542-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5MSD

Integration File: autoint1.e
 Quant Time: Mar 13 03:57:59 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)	11.910	4850913	28.774 ug/ml
Spiked Amount 50.000		Recovery =	57.55%
12) S 1-chlorooctadecane (S...	13.355	3740611	30.806 ug/ml
Spiked Amount 50.000		Recovery =	61.61%
Target Compounds			
1) T n-Nonane (C9)	3.267	6522922	42.070 ug/ml
2) T n-Decane (C10)	4.521	6692382	42.601 ug/ml
3) T A~Naphthalene (C11.7)	6.227	7224554	42.600 ug/ml
4) T n-Dodecane (C12)	6.694	6650600	42.714 ug/ml
5) T A~2-methylnaphthalene...	7.328	6536511	40.335 ug/ml
6) T n-Tetradecane (C14)	8.531	6569740	43.419 ug/ml
7) T n-Hexadecane (C16)	10.145	6380210	41.731 ug/ml
8) T n-Octadecane (C18)	11.595	6347145	41.719 ug/ml
10) T n-Eicosane (C20)	12.911	6412640	44.172 ug/ml
11) T n-Heneicosane (C21)	13.525	6156367	43.255 ug/ml
13) T n-Docosane (C22)	14.114	6162937	43.307 ug/ml
14) T n-Tetracosane (C24)	15.209	12990654	90.775 ug/ml
15) T n-Hexacosane (C26)	16.248	6427385	45.201 ug/ml
16) T n-Octacosane (C28)	17.200	6394559	44.970 ug/ml
17) T n-Tricontane (C30)	18.091	6331319	42.866 ug/ml
18) T n-Dotriacontane (C32)	18.923	6443534	44.383 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6463589	47.957 ug/ml
20) T n-Hexatriacontane (C36)	20.453	6183381	52.038 ug/ml
21) T n-Octatriacontane (C38)	21.196	6249897	56.338 ug/ml
22) T n-Tetracontane (C40)	22.122	6613110	61.167 ug/ml

(f)=RT Delta > 1/2 Window

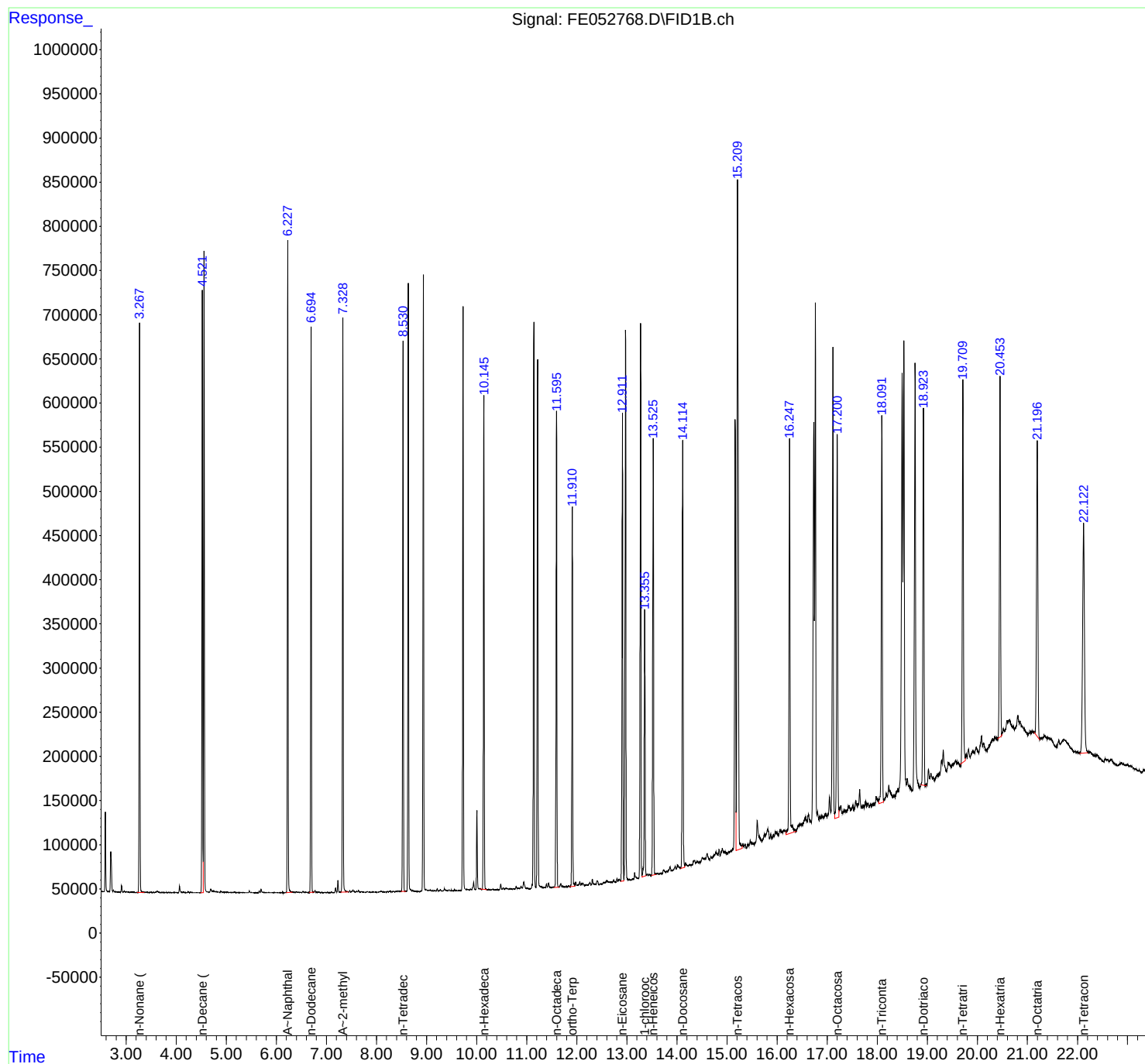
(m)=manual int.

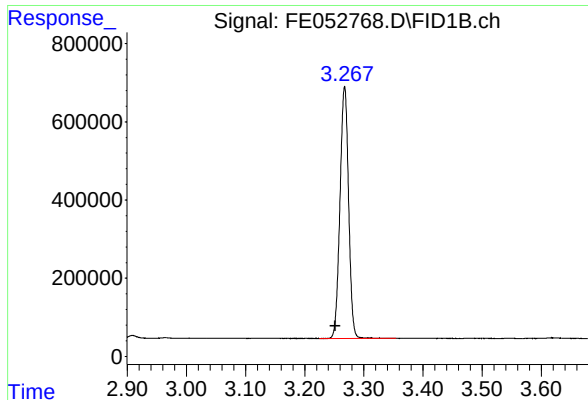
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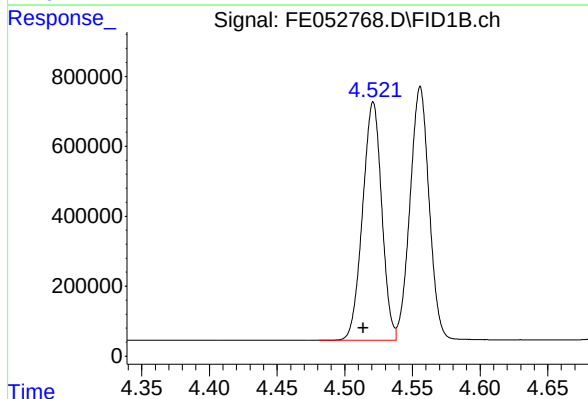




#1 n-Nonane (C9)

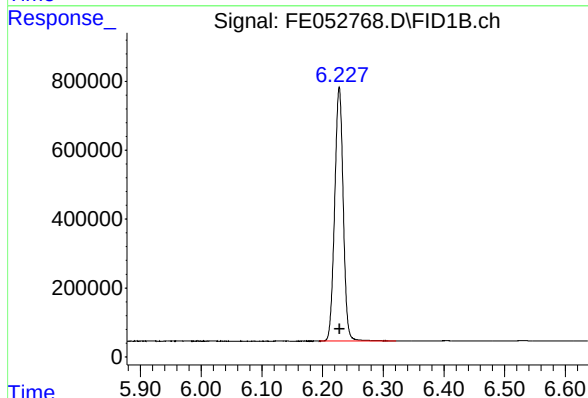
R.T.: 3.267 min
Delta R.T.: 0.015 min
Response: 6522922
Conc: 42.07 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



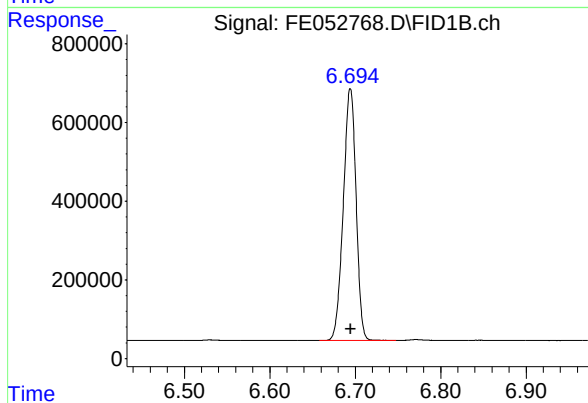
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 6692382
Conc: 42.60 ug/ml



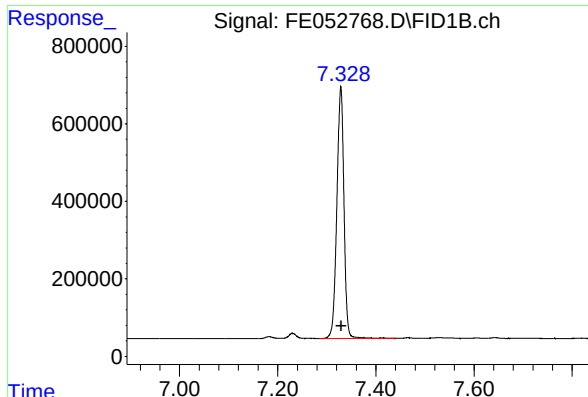
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 7224554
Conc: 42.60 ug/ml



#4 n-Dodecane (C12)

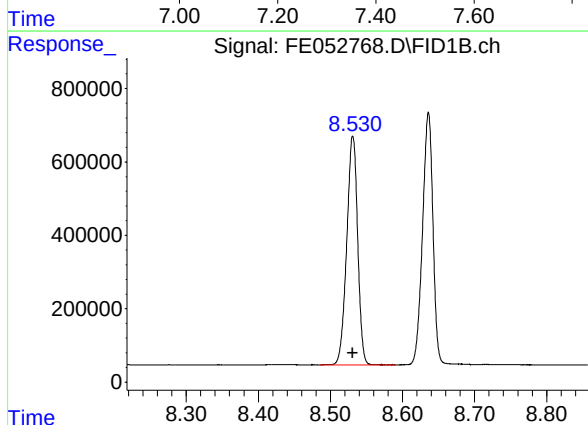
R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 6650600
Conc: 42.71 ug/ml



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

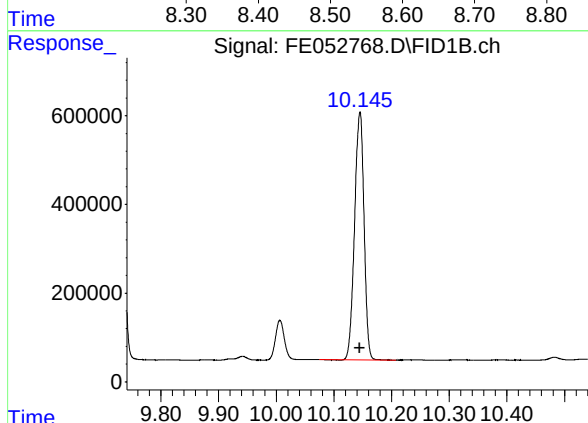
R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 6536511
Conc: 40.33 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



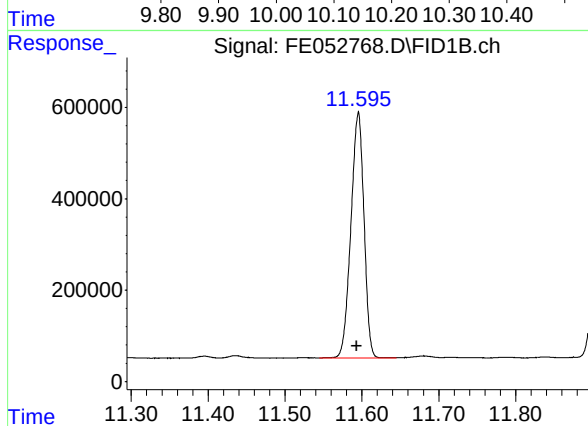
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 6569740
Conc: 43.42 ug/ml



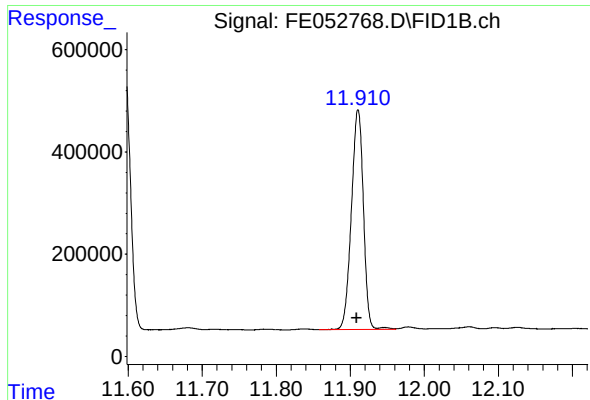
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 6380210
Conc: 41.73 ug/ml



#8 n-Octadecane (C18)

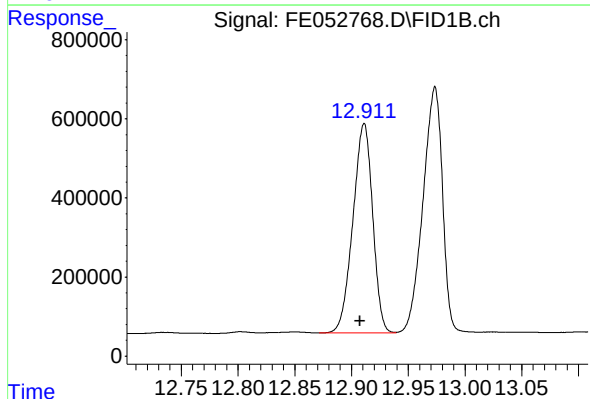
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 6347145
Conc: 41.72 ug/ml



#9 ortho-Terphenyl (SURR)

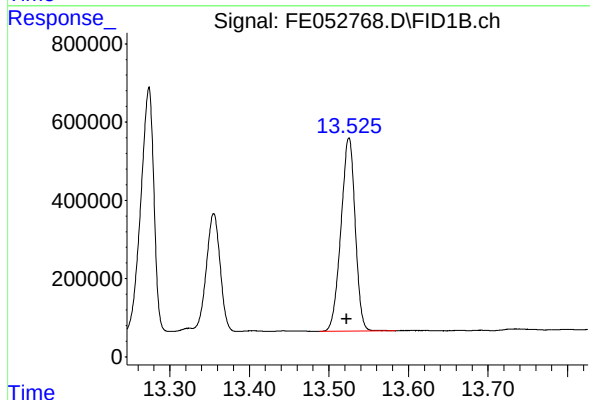
R.T.: 11.910 min
Delta R.T.: 0.002 min
Response: 4850913
Conc: 28.77 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



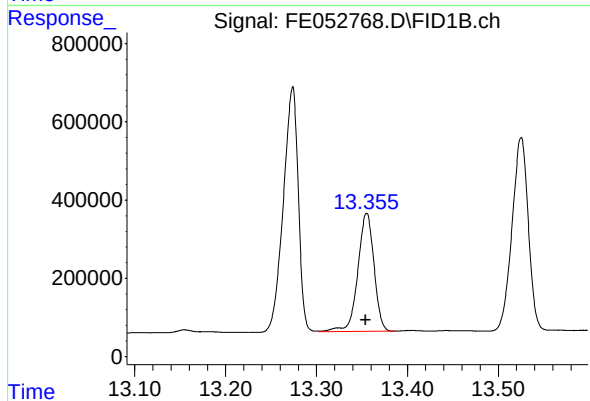
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 6412640
Conc: 44.17 ug/ml



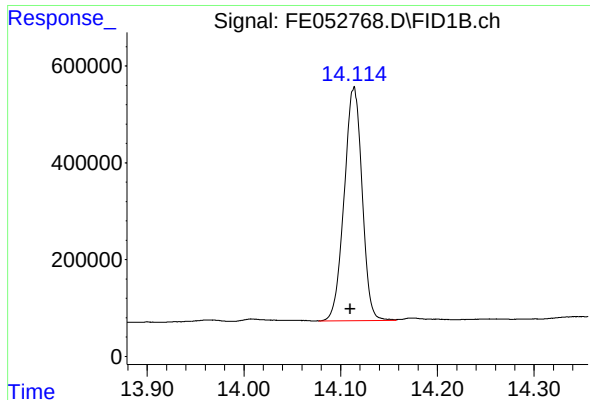
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.003 min
Response: 6156367
Conc: 43.25 ug/ml



#12 1-chlorooctadecane (SURR)

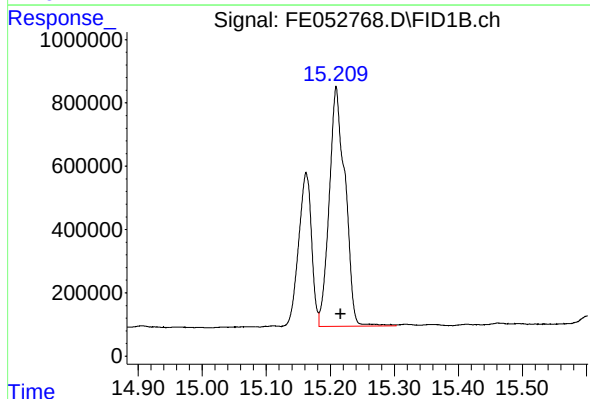
R.T.: 13.355 min
Delta R.T.: 0.001 min
Response: 3740611
Conc: 30.81 ug/ml



#13 n-Docosane (C22)

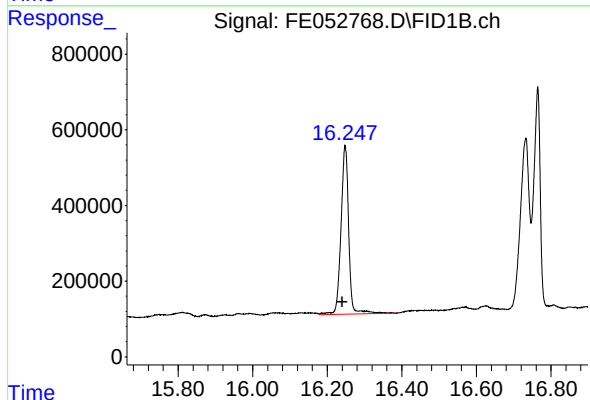
R.T.: 14.114 min
Delta R.T.: 0.004 min
Response: 6162937
Conc: 43.31 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



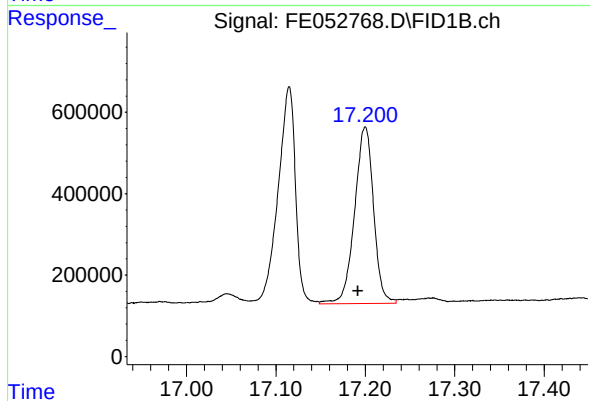
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.007 min
Response: 12990654
Conc: 90.77 ug/ml



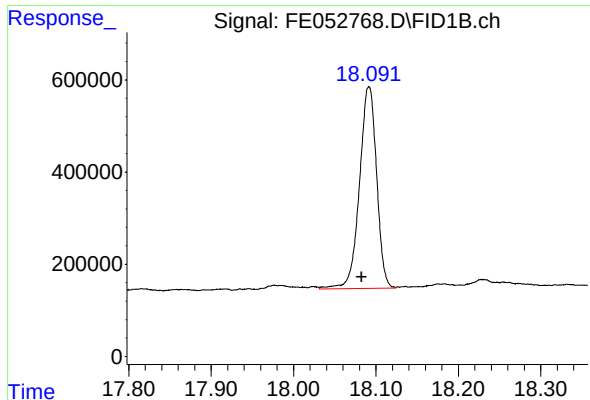
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: 0.007 min
Response: 6427385
Conc: 45.20 ug/ml



#16 n-Octacosane (C28)

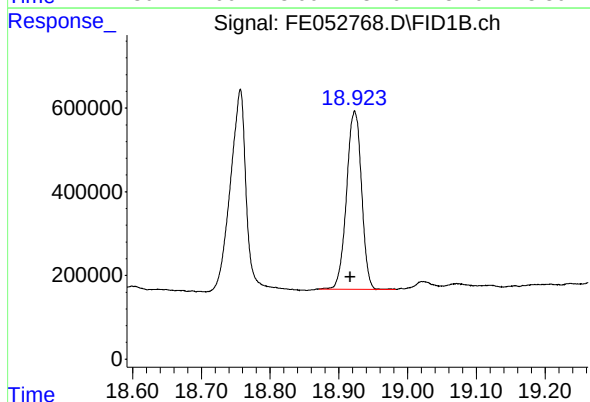
R.T.: 17.200 min
Delta R.T.: 0.008 min
Response: 6394559
Conc: 44.97 ug/ml



#17 n-Tricontane (C30)

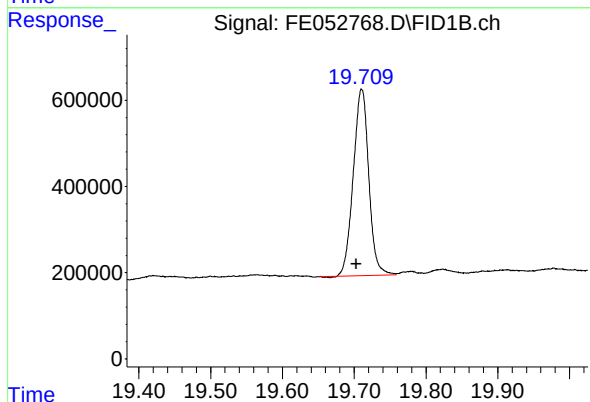
R.T.: 18.091 min
Delta R.T.: 0.009 min
Response: 6331319
Conc: 42.87 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



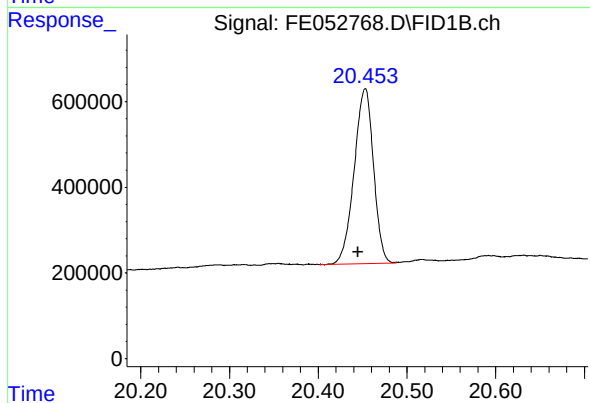
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.006 min
Response: 6443534
Conc: 44.38 ug/ml



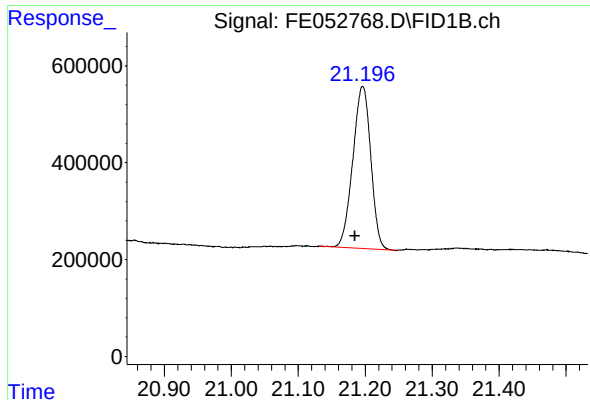
#19 n-Tetatriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.008 min
Response: 6463589
Conc: 47.96 ug/ml



#20 n-Hexatriacontane (C36)

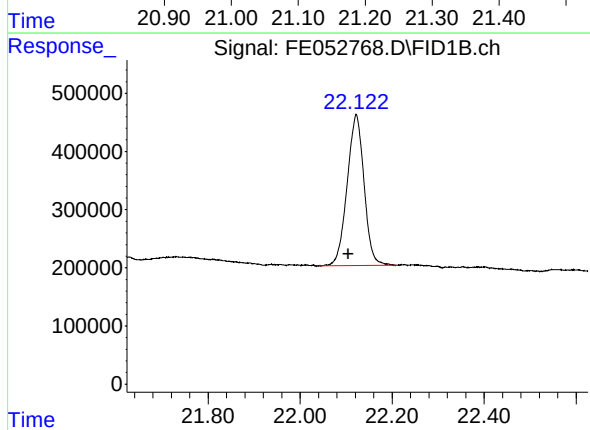
R.T.: 20.453 min
Delta R.T.: 0.008 min
Response: 6183381
Conc: 52.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.011 min
Response: 6249897
Conc: 56.34 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.018 min
Response: 6613110
Conc: 61.17 ug/ml