

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
 Data File : FE052733.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 14:38
 Operator : YP\AJ
 Sample : PB167079BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167079BSD

Integration File: autoint1.e
 Quant Time: Mar 12 02:09:24 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	6260090	37.133 ug/ml
Spiked Amount 50.000		Recovery =	74.27%
12) S 1-chlorooctadecane (S...	13.356	4768987	39.275 ug/ml
Spiked Amount 50.000		Recovery =	78.55%
Target Compounds			
1) T n-Nonane (C9)	3.260	6416632	41.384 ug/ml
2) T n-Decane (C10)	4.517	6649213	42.326 ug/ml
3) T A~Naphthalene (C11.7)	6.226	7286808	42.967 ug/ml
4) T n-Dodecane (C12)	6.694	6696950	43.012 ug/ml
5) T A~2-methylnaphthalene...	7.328	6605426	40.760 ug/ml
6) T n-Tetradecane (C14)	8.532	6628620	43.808 ug/ml
7) T n-Hexadecane (C16)	10.145	6457596	42.238 ug/ml
8) T n-Octadecane (C18)	11.595	6380822	41.940 ug/ml
10) T n-Eicosane (C20)	12.911	6413921	44.181 ug/ml
11) T n-Heneicosane (C21)	13.525	6137760	43.124 ug/ml
13) T n-Docosane (C22)	14.114	6091284	42.803 ug/ml
14) T n-Tetracosane (C24)	15.206	12398933	86.640 ug/ml
15) T n-Hexacosane (C26)	16.246	5941518	41.785 ug/ml
16) T n-Octacosane (C28)	17.197	5966784	41.962 ug/ml
17) T n-Tricontane (C30)	18.089	5962529	40.369 ug/ml
18) T n-Dotriacontane (C32)	18.923	5952330	41.000 ug/ml
19) T n-Tetratriacontane (C34)	19.708	6055017	44.925 ug/ml
20) T n-Hexatriacontane (C36)	20.450	5880862	49.492 ug/ml
21) T n-Octatriacontane (C38)	21.193	5946354	53.602 ug/ml
22) T n-Tetracontane (C40)	22.116	5987541	55.381 ug/ml

(f)=RT Delta > 1/2 Window

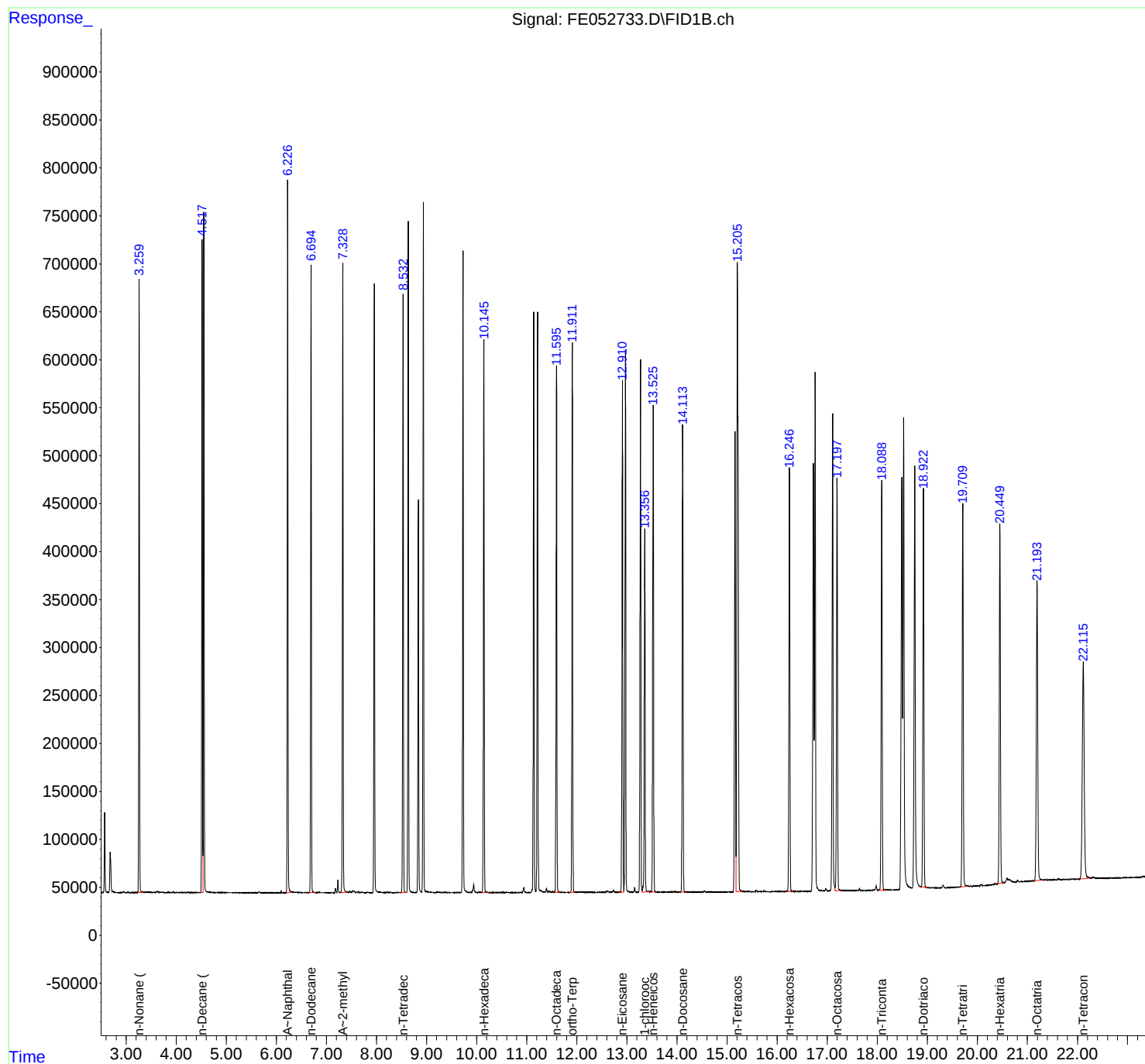
(m)=manual int.

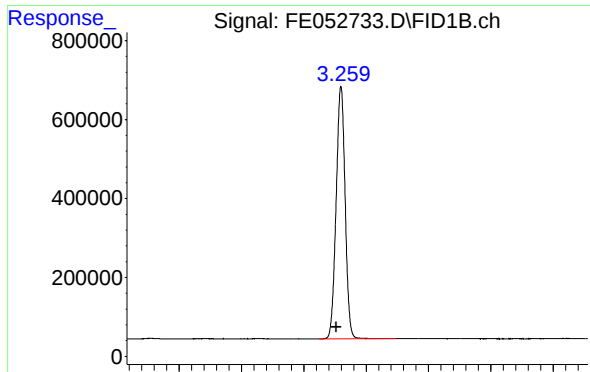
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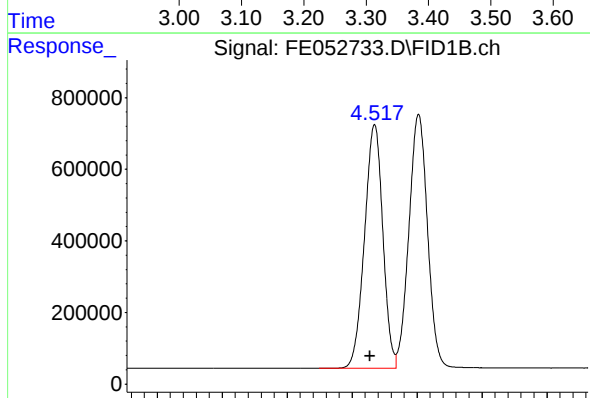




#1 n-Nonane (C9)

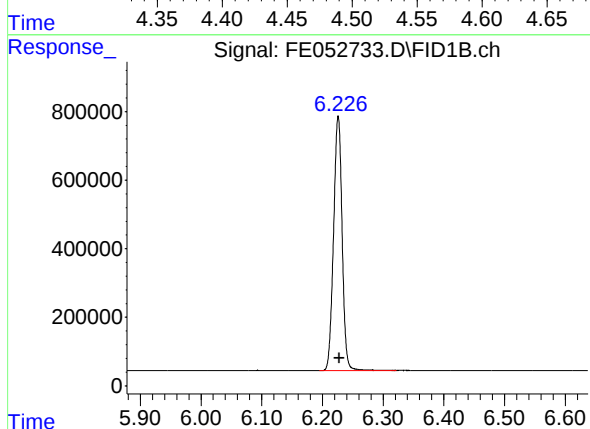
R.T.: 3.260 min
Delta R.T.: 0.008 min
Response: 6416632
Conc: 41.38 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167079BSD



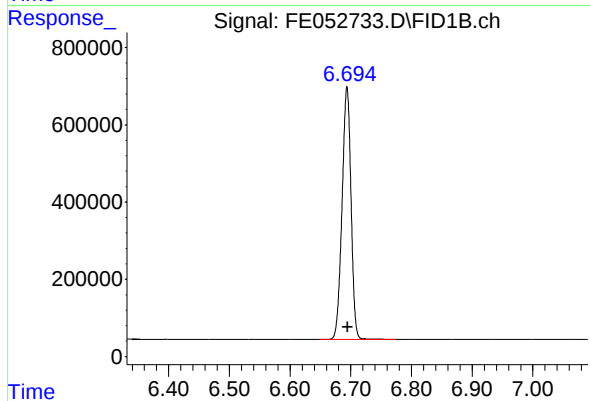
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.004 min
Response: 6649213
Conc: 42.33 ug/ml



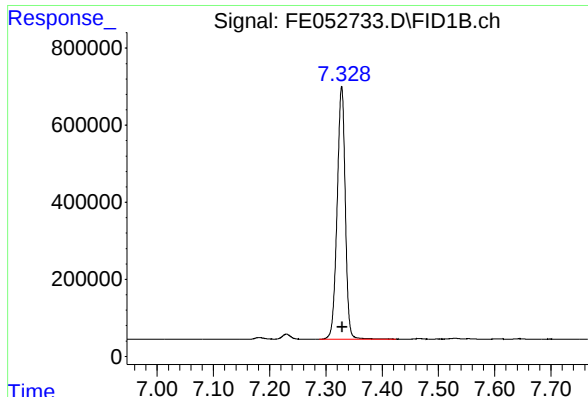
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 7286808
Conc: 42.97 ug/ml



#4 n-Dodecane (C12)

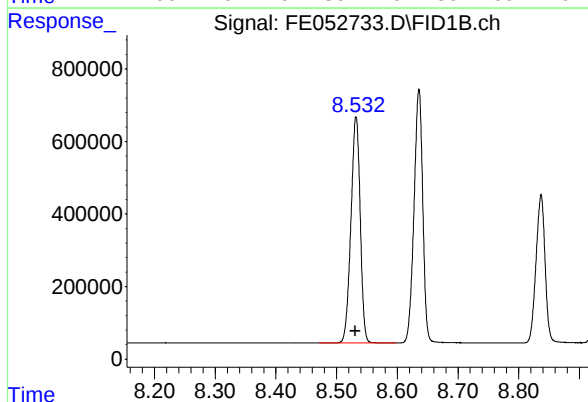
R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 6696950
Conc: 43.01 ug/ml



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

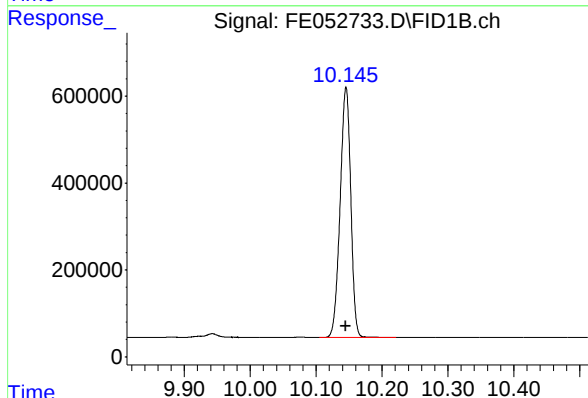
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 6605426
Conc: 40.76 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167079BSD



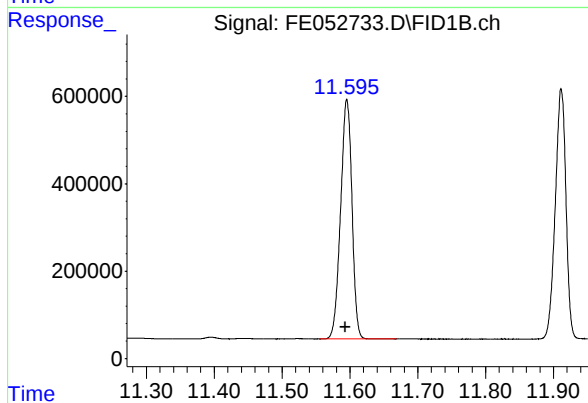
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 6628620
Conc: 43.81 ug/ml



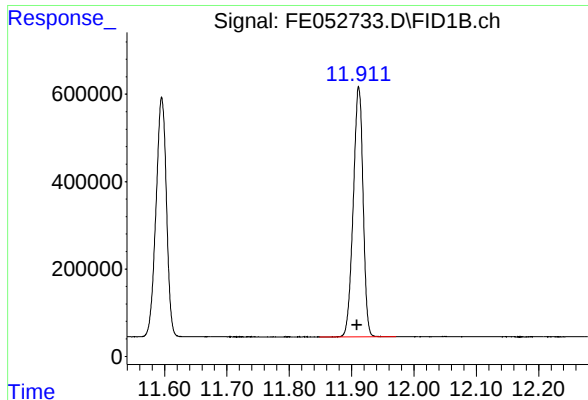
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 6457596
Conc: 42.24 ug/ml



#8 n-Octadecane (C18)

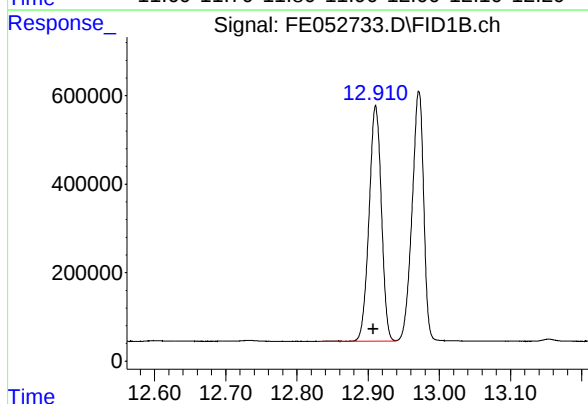
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 6380822
Conc: 41.94 ug/ml



#9 ortho-Terphenyl (SURR)

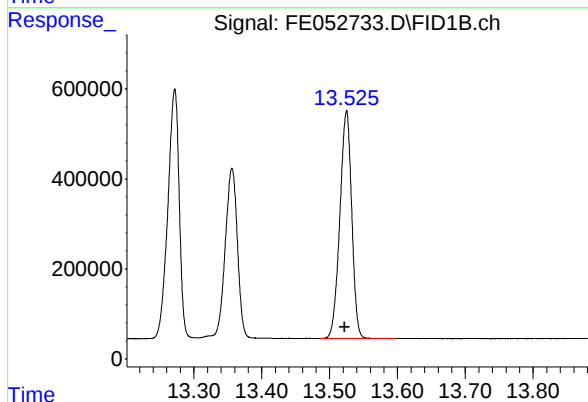
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 6260090
Conc: 37.13 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167079BSD



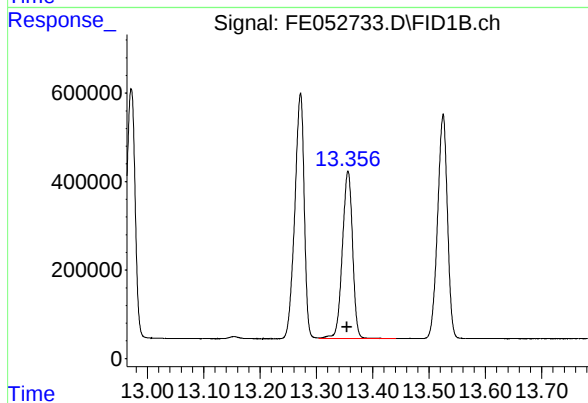
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 6413921
Conc: 44.18 ug/ml



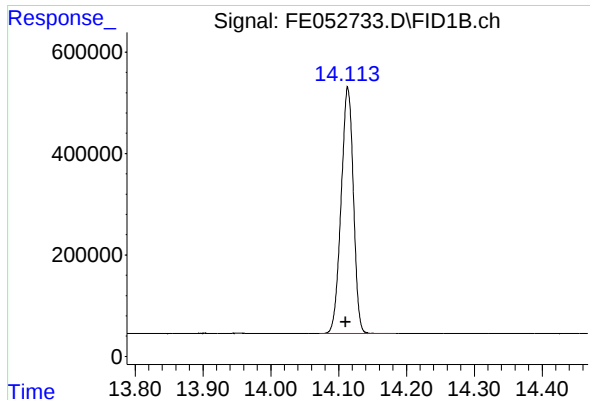
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 6137760
Conc: 43.12 ug/ml



#12 1-chlorooctadecane (SURR)

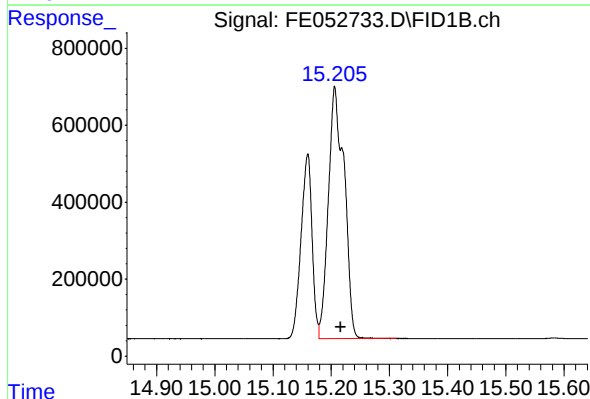
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 4768987
Conc: 39.27 ug/ml



#13 n-Docosane (C22)

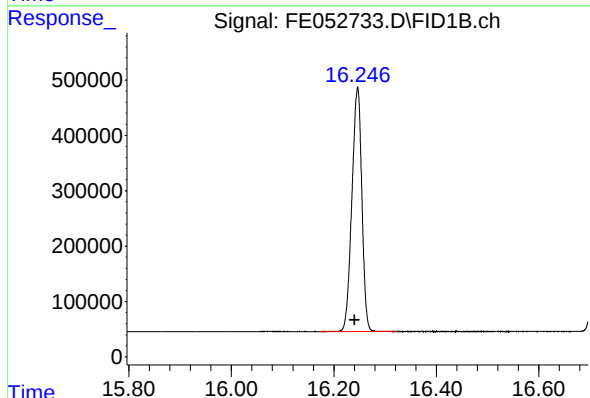
R.T.: 14.114 min
Delta R.T.: 0.003 min
Response: 6091284
Conc: 42.80 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167079BSD



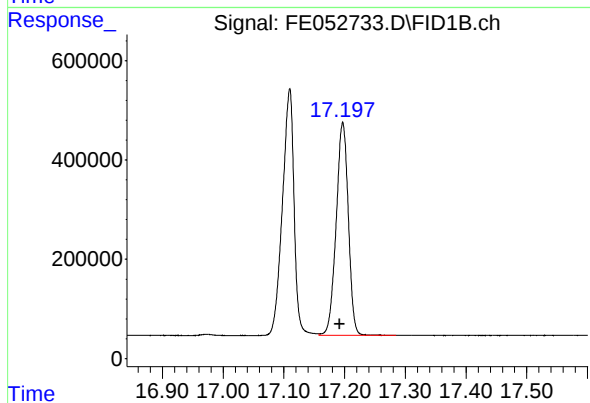
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.010 min
Response: 12398933
Conc: 86.64 ug/ml



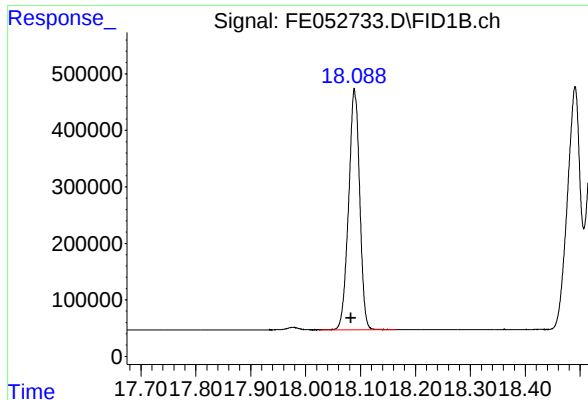
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.006 min
Response: 5941518
Conc: 41.78 ug/ml



#16 n-Octacosane (C28)

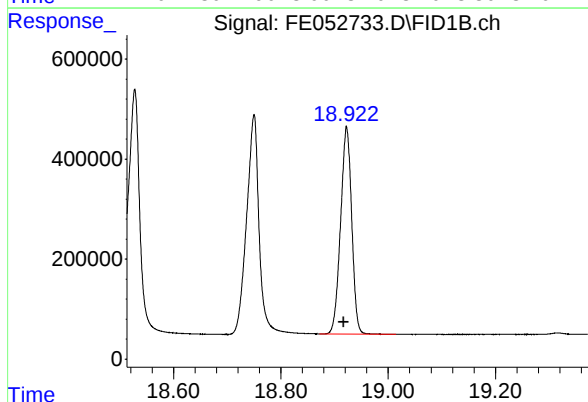
R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 5966784
Conc: 41.96 ug/ml



#17 n-Tricontane (C30)

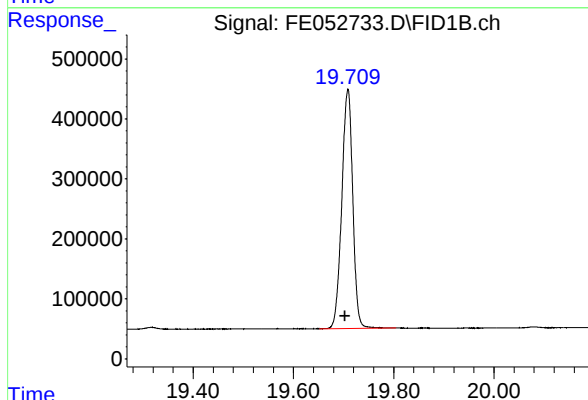
R.T.: 18.089 min
Delta R.T.: 0.006 min
Response: 5962529
Conc: 40.37 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167079BSD



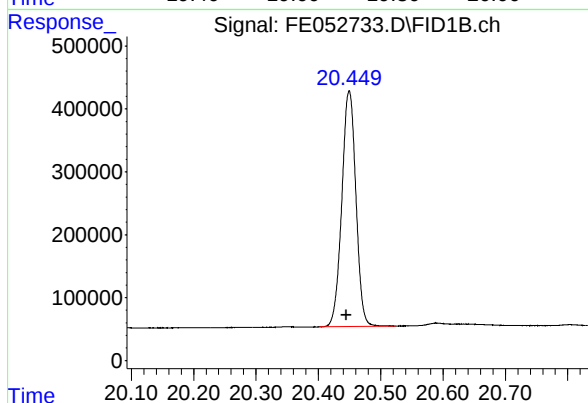
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.006 min
Response: 5952330
Conc: 41.00 ug/ml



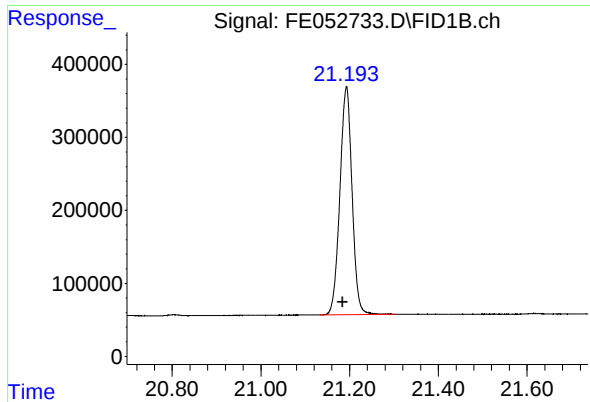
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.006 min
Response: 6055017
Conc: 44.93 ug/ml



#20 n-Hexatriacontane (C36)

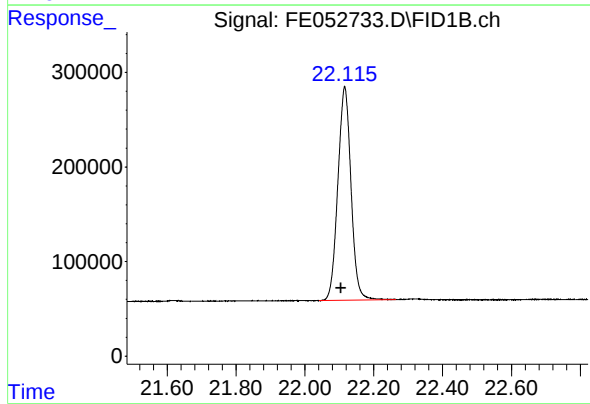
R.T.: 20.450 min
Delta R.T.: 0.005 min
Response: 5880862
Conc: 49.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.008 min
Response: 5946354
Conc: 53.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167079BSD



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.011 min
Response: 5987541
Conc: 55.38 ug/ml