

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022625AL\
 Data File : FE052514.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2025 14:03
 Operator : YP\AJ
 Sample : PB166871BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166871BSD

Integration File: autoint1.e
 Quant Time: Feb 27 00:08:58 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)	11.920	7021235	37.560 ug/ml
Spiked Amount 50.000		Recovery =	75.12%
12) S 1-chlorooctadecane (S...	13.364	5620403	40.436 ug/ml
Spiked Amount 50.000		Recovery =	80.87%
Target Compounds			
1) T n-Nonane (C9)	3.263	5053380	32.921 ug/ml
2) T n-Decane (C10)	4.522	5312479	34.013 ug/ml
3) T A~Naphthalene (C11.7)	6.231	6216234	35.980 ug/ml
4) T n-Dodecane (C12)	6.700	5685299	36.019 ug/ml
5) T A~2-methylnaphthalene...	7.334	5979085	35.601 ug/ml
6) T n-Tetradecane (C14)	8.539	6237550	39.600 ug/ml
7) T n-Hexadecane (C16)	10.154	6325484	38.702 ug/ml
8) T n-Octadecane (C18)	11.603	6305068	38.106 ug/ml
10) T n-Eicosane (C20)	12.919	6335676	39.741 ug/ml
11) T n-Heneicosane (C21)	13.532	6066122	38.719 ug/ml
13) T n-Docosane (C22)	14.121	6007582	38.388 ug/ml
14) T n-Tetracosane (C24)	15.213	12194086	77.536 ug/ml
15) T n-Hexacosane (C26)	16.254	5824347	37.603 ug/ml
16) T n-Octacosane (C28)	17.205	5830540	38.118 ug/ml
17) T n-Tricontane (C30)	18.096	5851211	37.484 ug/ml
18) T n-Dotriacontane (C32)	18.929	5829082	38.094 ug/ml
19) T n-Tetratriacontane (C34)	19.715	5851736	41.133 ug/ml
20) T n-Hexatriacontane (C36)	20.456	5654716	45.369 ug/ml
21) T n-Octatriacontane (C38)	21.199	5668268	51.859 ug/ml
22) T n-Tetracontane (C40)	22.123	5821243	57.871 ug/ml

(f)=RT Delta > 1/2 Window

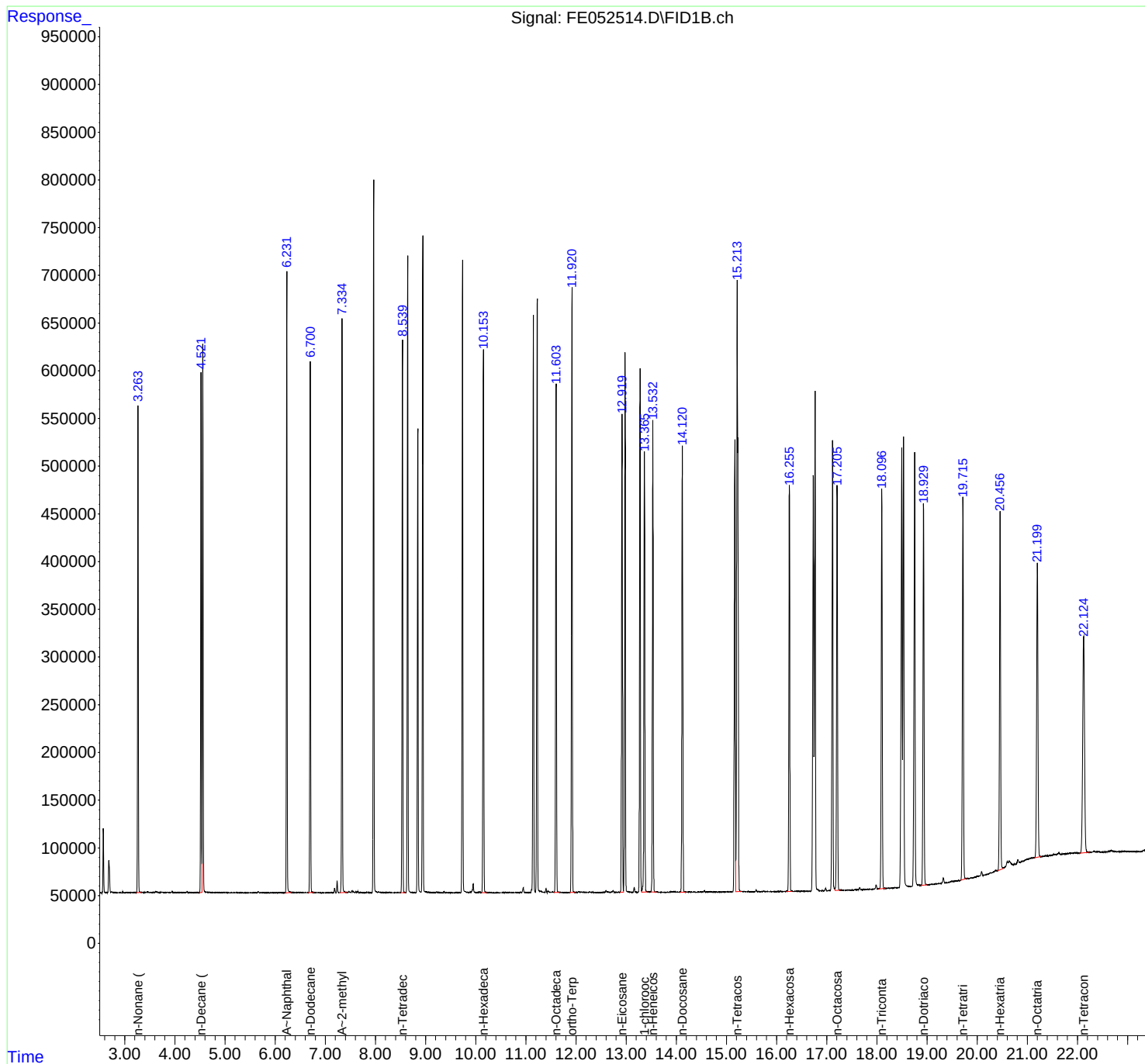
(m)=manual int.

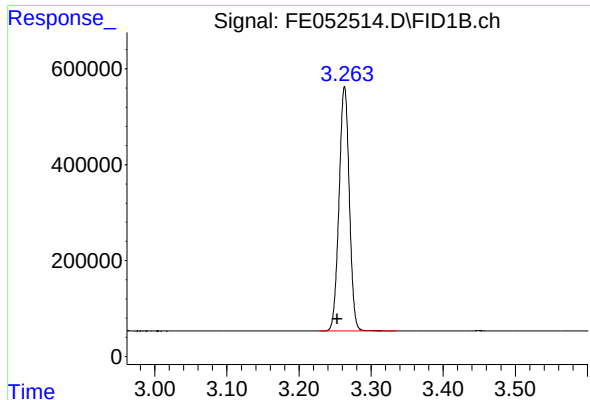
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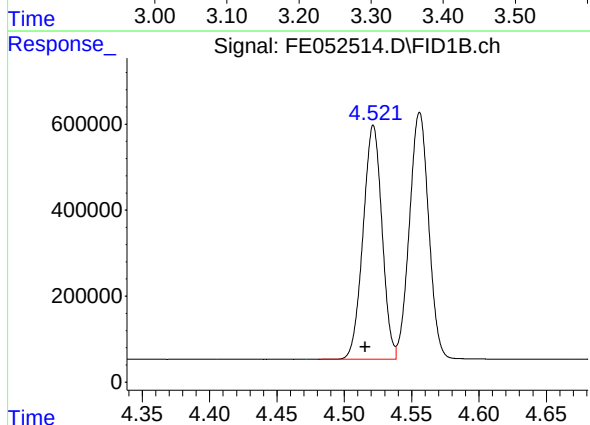




#1 n-Nonane (C9)

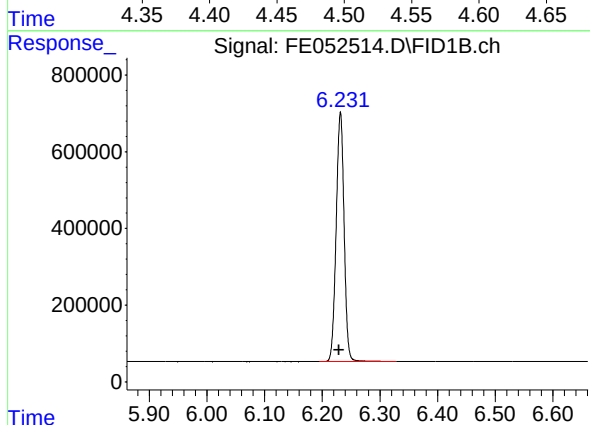
R.T.: 3.263 min
Delta R.T.: 0.010 min
Response: 5053380
Conc: 32.92 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166871BSD



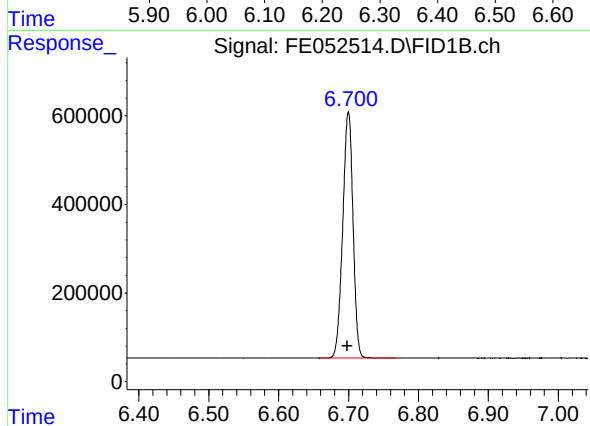
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.006 min
Response: 5312479
Conc: 34.01 ug/ml



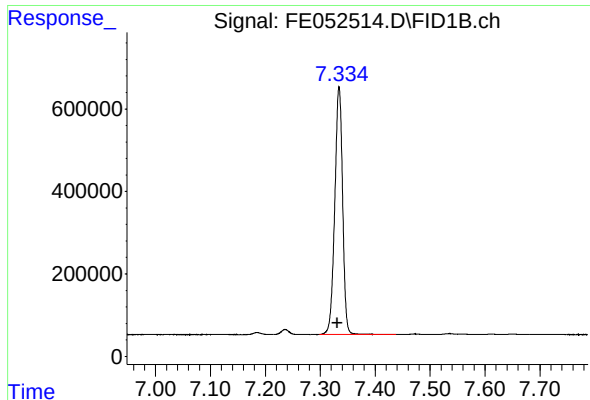
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 6216234
Conc: 35.98 ug/ml



#4 n-Dodecane (C12)

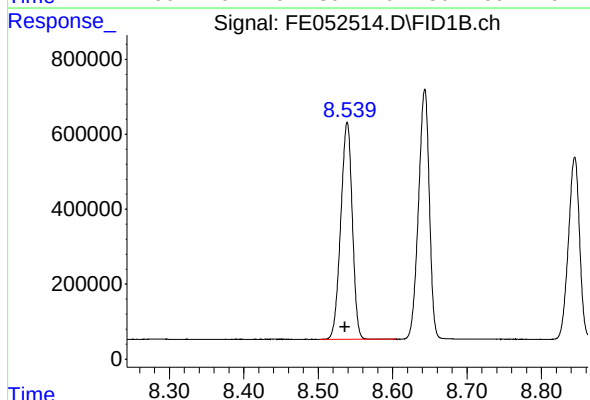
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 5685299
Conc: 36.02 ug/ml



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

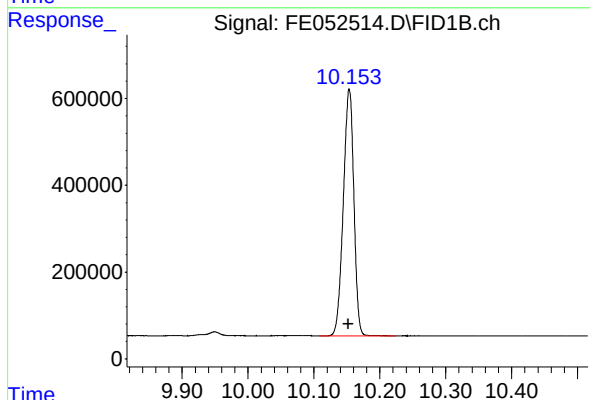
R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 5979085
Conc: 35.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166871BSD



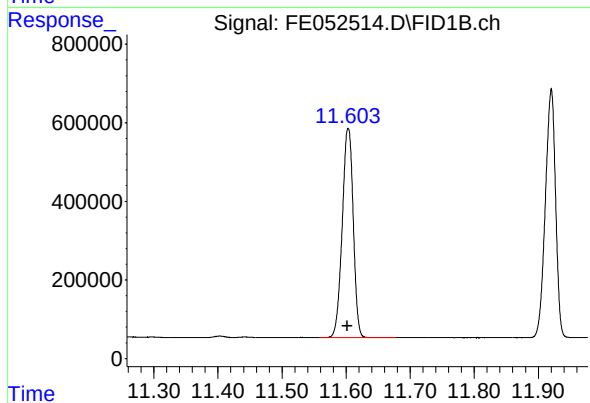
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: 0.003 min
Response: 6237550
Conc: 39.60 ug/ml



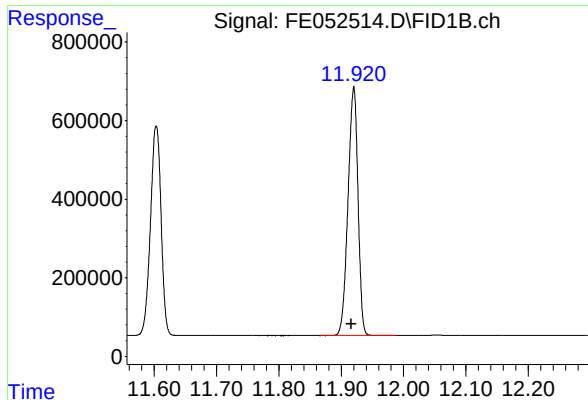
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: 0.002 min
Response: 6325484
Conc: 38.70 ug/ml



#8 n-Octadecane (C18)

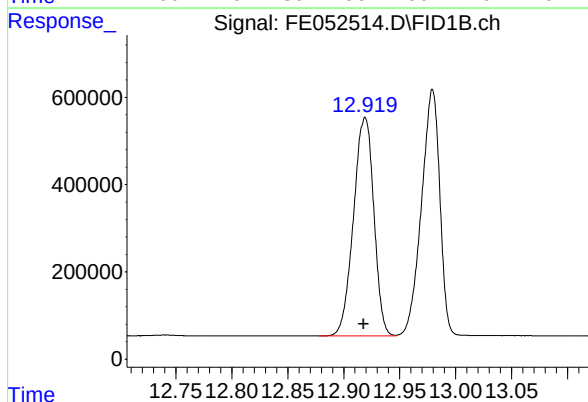
R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 6305068
Conc: 38.11 ug/ml



#9 ortho-Terphenyl (SURR)

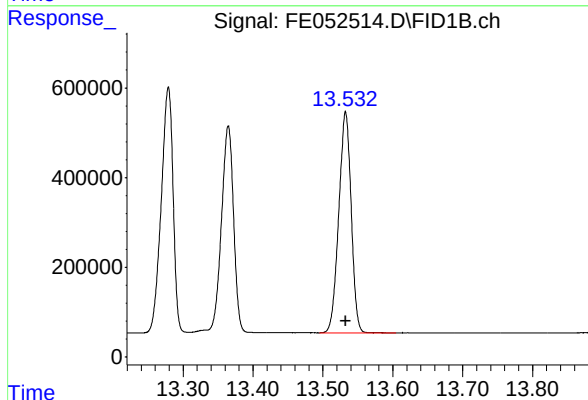
R.T.: 11.920 min
Delta R.T.: 0.003 min
Response: 7021235
Conc: 37.56 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166871BSD



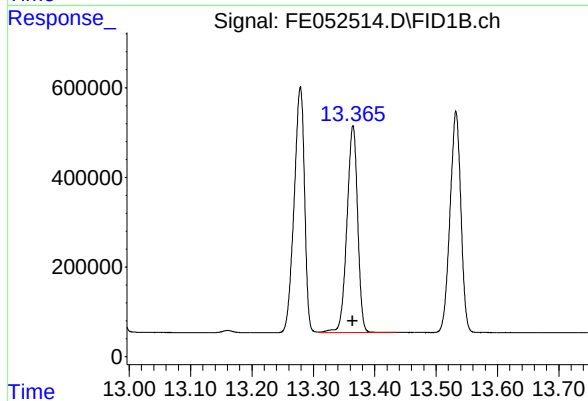
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 6335676
Conc: 39.74 ug/ml



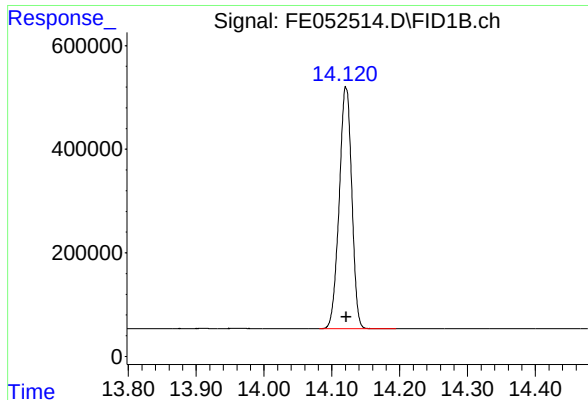
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 6066122
Conc: 38.72 ug/ml



#12 1-chlorooctadecane (SURR)

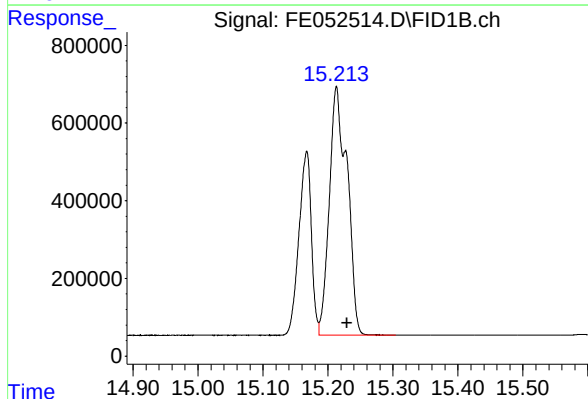
R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 5620403
Conc: 40.44 ug/ml



#13 n-Docosane (C22)

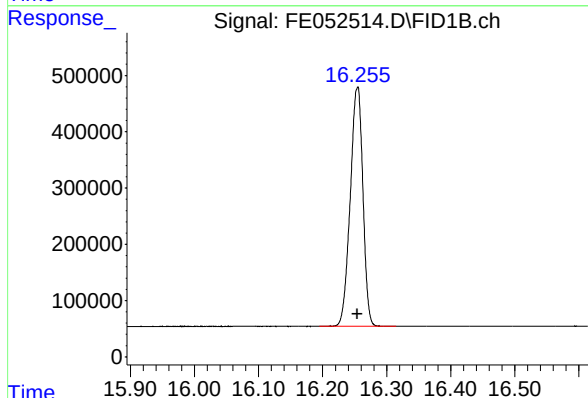
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 6007582
Conc: 38.39 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166871BSD



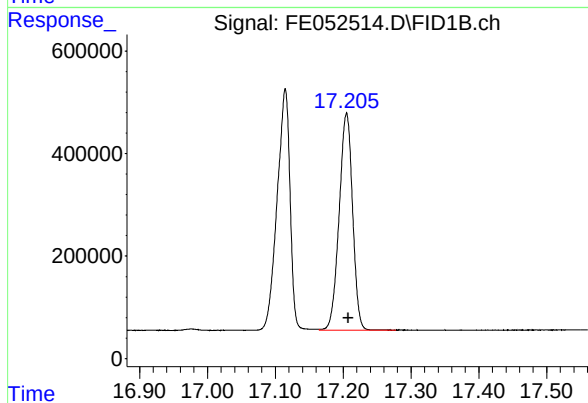
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.016 min
Response: 12194086
Conc: 77.54 ug/ml



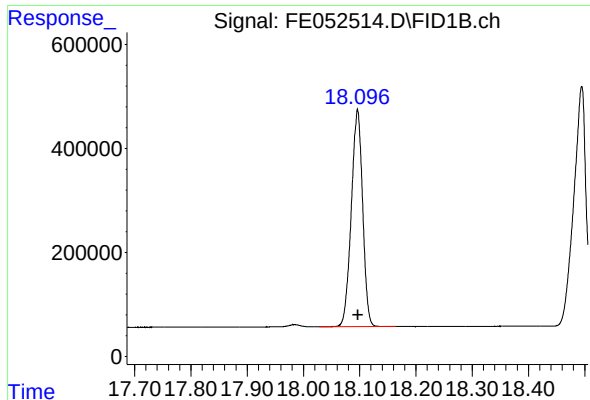
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.000 min
Response: 5824347
Conc: 37.60 ug/ml



#16 n-Octacosane (C28)

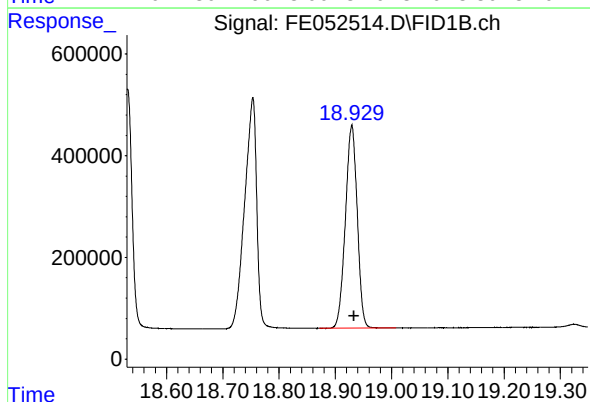
R.T.: 17.205 min
Delta R.T.: -0.003 min
Response: 5830540
Conc: 38.12 ug/ml



#17 n-Tricontane (C30)

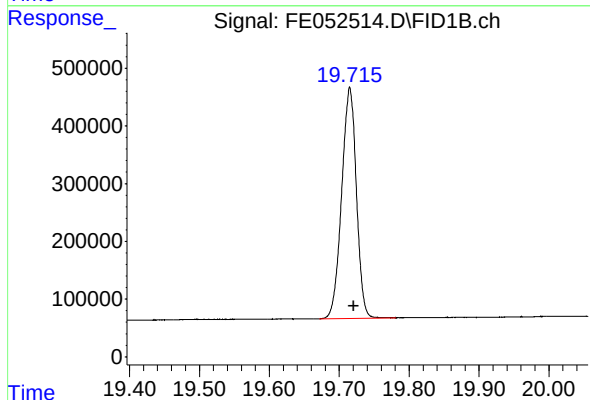
R.T.: 18.096 min
Delta R.T.: -0.001 min
Response: 5851211
Conc: 37.48 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166871BSD



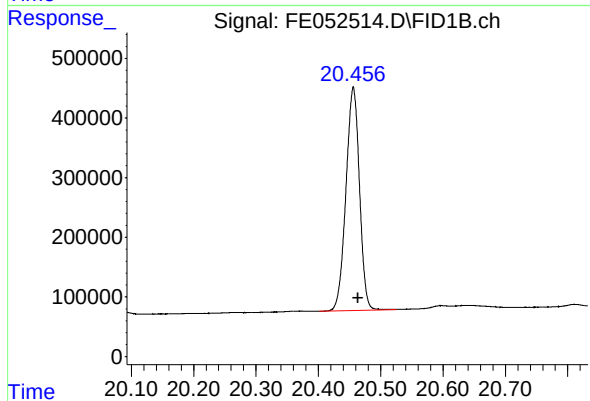
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.004 min
Response: 5829082
Conc: 38.09 ug/ml



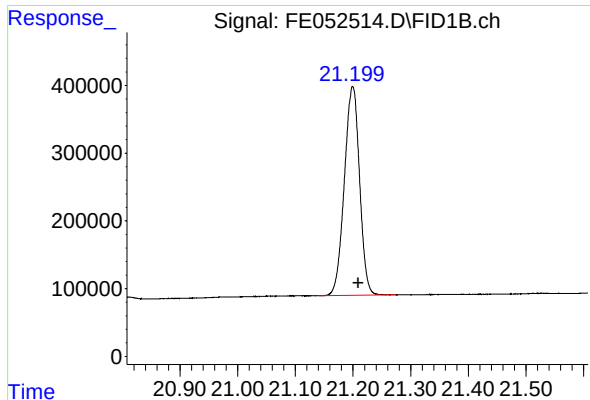
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.005 min
Response: 5851736
Conc: 41.13 ug/ml



#20 n-Hexatriacontane (C36)

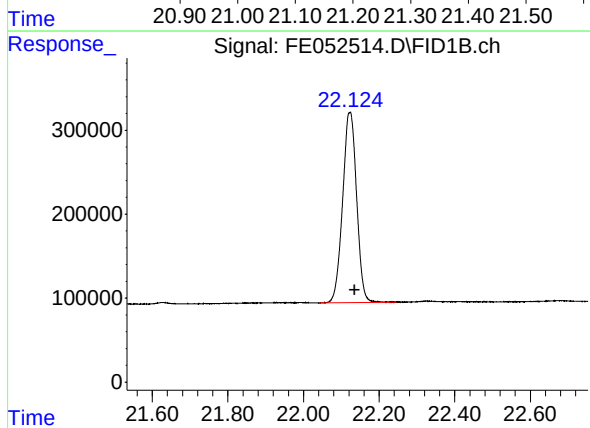
R.T.: 20.456 min
Delta R.T.: -0.008 min
Response: 5654716
Conc: 45.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.010 min
Response: 5668268
Conc: 51.86 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166871BSD



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.013 min
Response: 5821243
Conc: 57.87 ug/ml