

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112625AL\
 Data File : FF016810.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2025 16:46
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 28 21:31:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 28 21:30:13 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)	11.948	7217375	44.745 ug/ml
Spiked Amount 50.000		Recovery =	89.49%
12) S 1-chlorooctadecane (S...	13.388	5525750	45.385 ug/ml
Spiked Amount 50.000		Recovery =	90.77%
Target Compounds			
1) T n-Nonane (C9)	3.306	5883765	44.964 ug/ml
2) T n-Decane (C10)	4.565	6002269	44.562 ug/ml
3) T A~Naphthalene (C11.7)	6.274	6462119	45.528 ug/ml
4) T n-Dodecane (C12)	6.743	6091873	44.626 ug/ml
5) T A~2-methylnaphthalene...	7.375	6239257	46.050 ug/ml
6) T n-Tetradecane (C14)	8.576	6075302	45.027 ug/ml
7) T n-Hexadecane (C16)	10.185	6359946	45.364 ug/ml
8) T n-Octadecane (C18)	11.631	6550209	45.001 ug/ml
10) T n-Eicosane (C20)	12.942	6405133	45.013 ug/ml
11) T n-Heneicosane (C21)	13.556	6324133	44.987 ug/ml
13) T n-Docosane (C22)	14.144	6346475	45.580 ug/ml
14) T n-Tetracosane (C24)	15.251	6405823	46.286 ug/ml
15) T n-Hexacosane (C26)	16.276	6218442	46.352 ug/ml
16) T n-Octacosane (C28)	17.229	6030818	45.524 ug/ml
17) T n-Tricontane (C30)	18.120	6029312	42.872 ug/ml
18) T n-Dotriacontane (C32)	18.955	5824614	40.886 ug/ml
19) T n-Tetratriacontane (C34)	19.742	5305048	40.534 ug/ml
20) T n-Hexatriacontane (C36)	20.485	4637732	41.005 ug/ml
21) T n-Octatriacontane (C38)	21.240	4276690	42.211 ug/ml
22) T n-Tetracontane (C40)	22.180	4111038	43.507 ug/ml

(f)=RT Delta > 1/2 Window

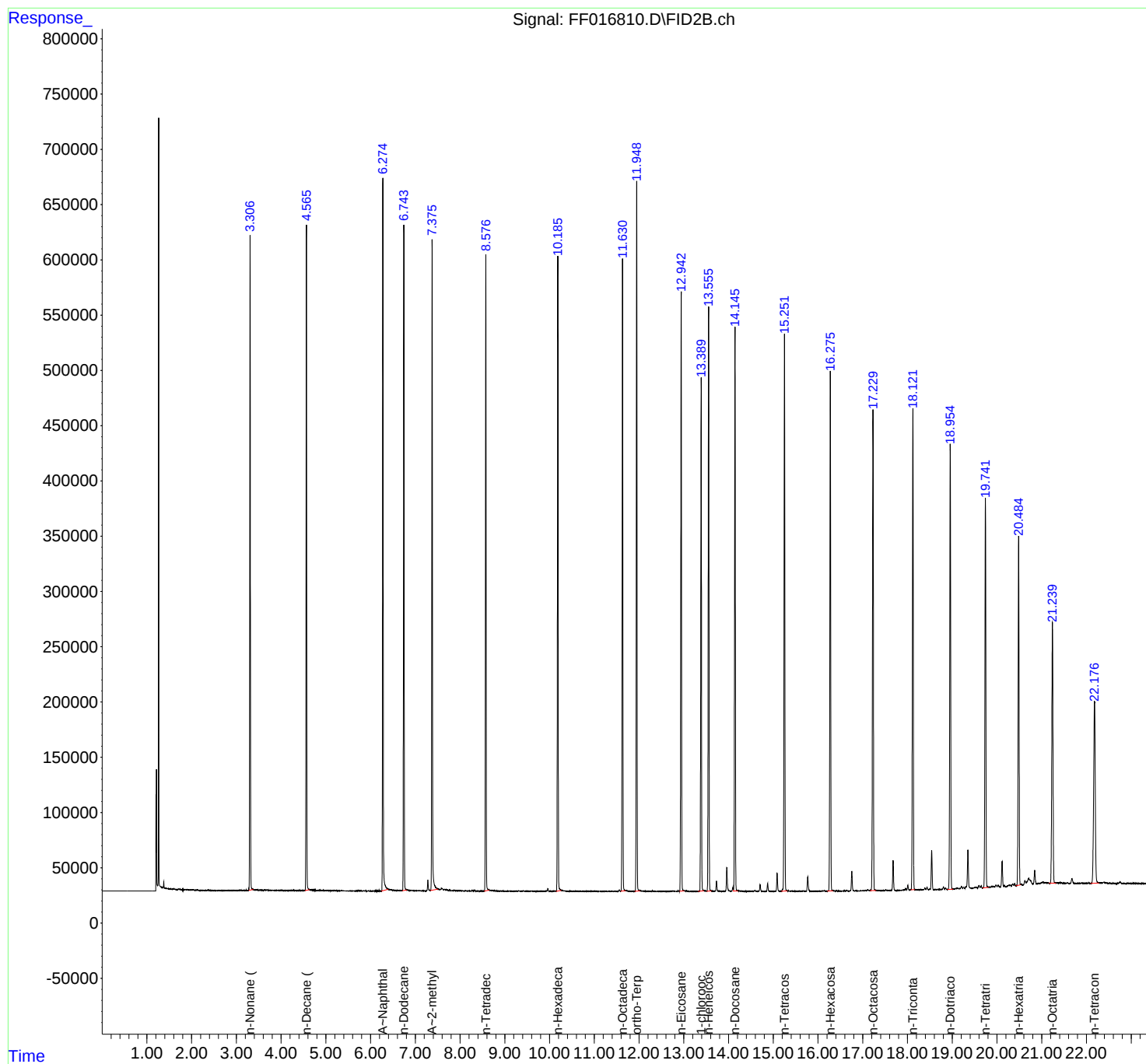
(m)=manual int.

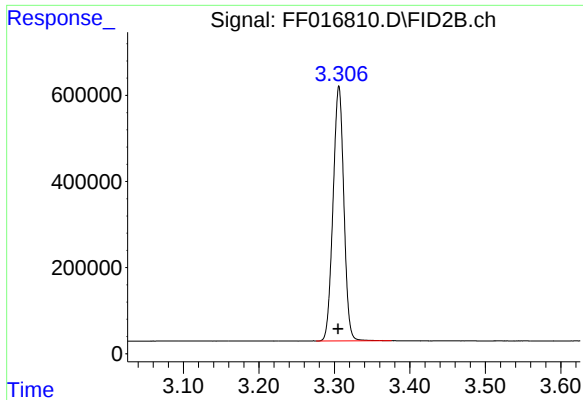
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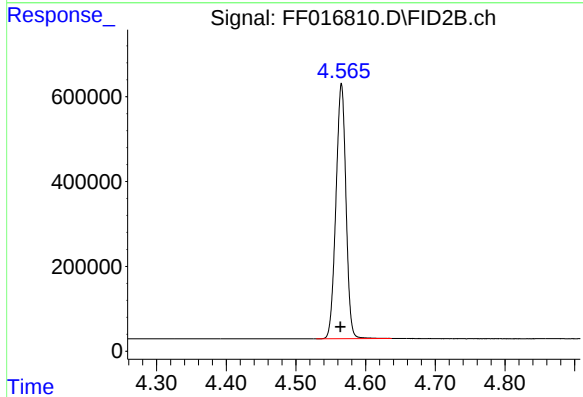




#1 n-Nonane (C9)

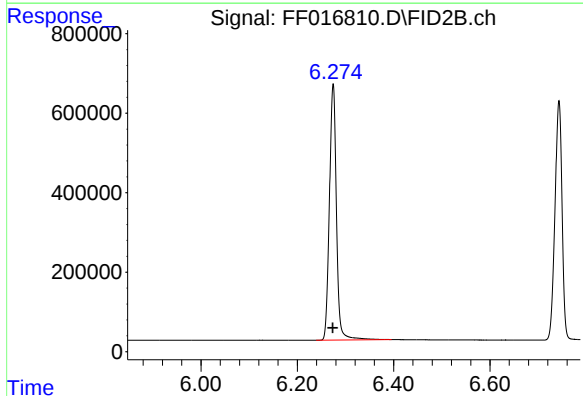
R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 5883765
Conc: 44.96 ug/ml

Instrument :
FID_E
ClientSampleId :



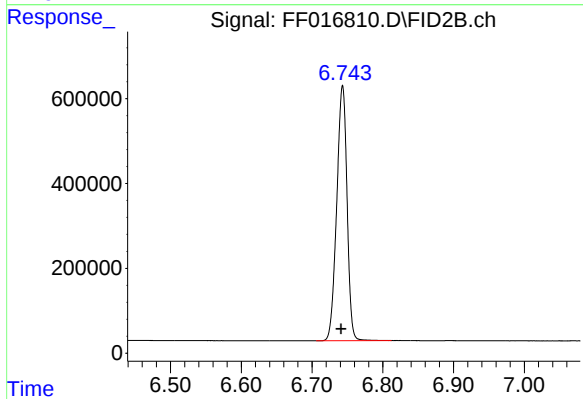
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 6002269
Conc: 44.56 ug/ml



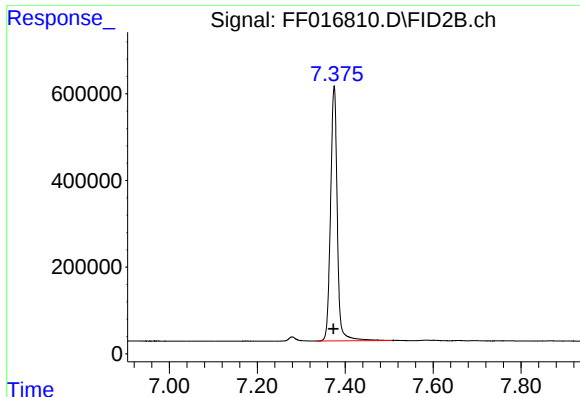
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.001 min
Response: 6462119
Conc: 45.53 ug/ml



#4 n-Dodecane (C12)

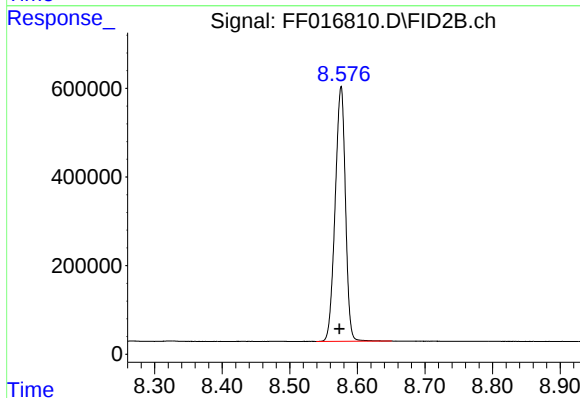
R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 6091873
Conc: 44.63 ug/ml



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

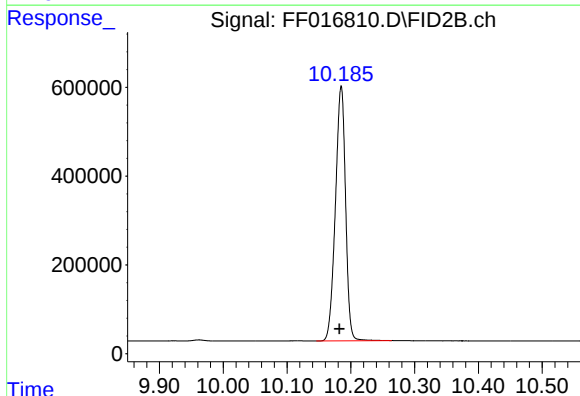
R.T.: 7.375 min
Delta R.T.: 0.001 min
Response: 6239257
Conc: 46.05 ug/ml

Instrument :
FID_E
ClientSampleId :



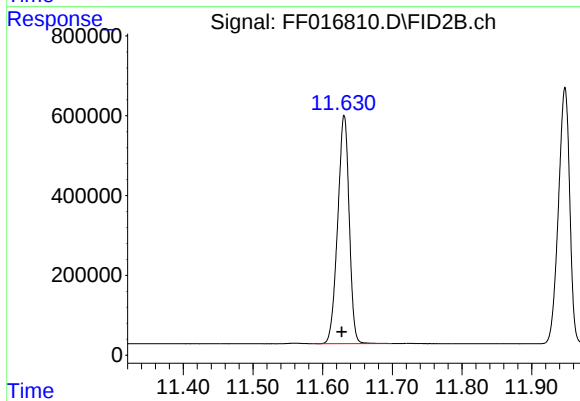
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: 0.002 min
Response: 6075302
Conc: 45.03 ug/ml



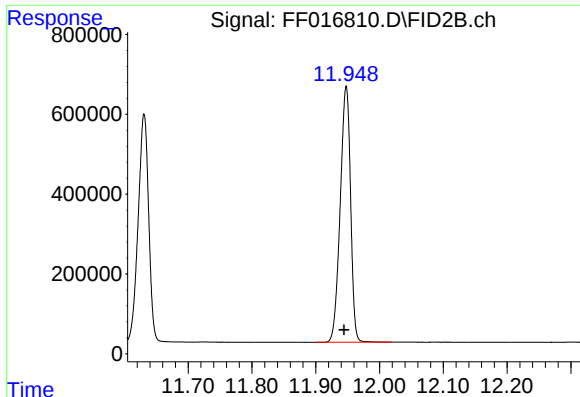
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.003 min
Response: 6359946
Conc: 45.36 ug/ml



#8 n-Octadecane (C18)

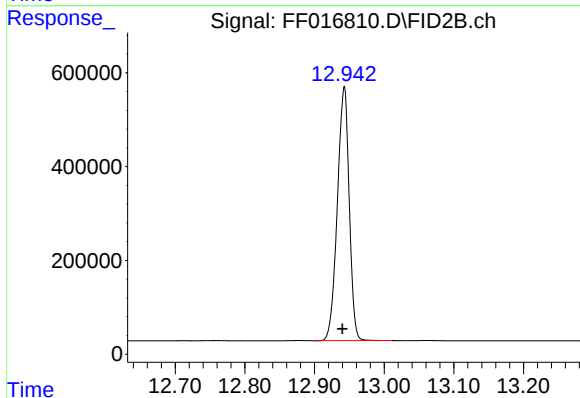
R.T.: 11.631 min
Delta R.T.: 0.003 min
Response: 6550209
Conc: 45.00 ug/ml



#9 ortho-Terphenyl (SURR)

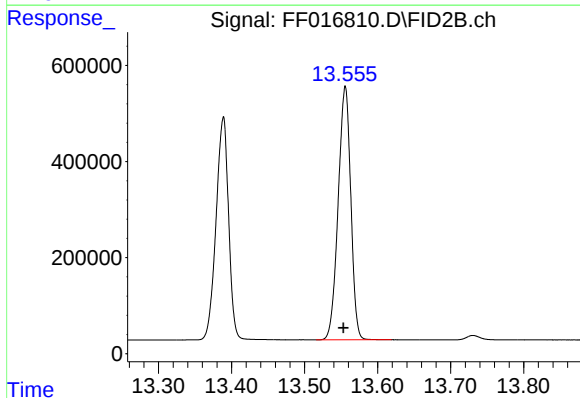
R.T.: 11.948 min
Delta R.T.: 0.003 min
Response: 7217375
Conc: 44.74 ug/ml

Instrument :
FID_E
ClientSampleId :



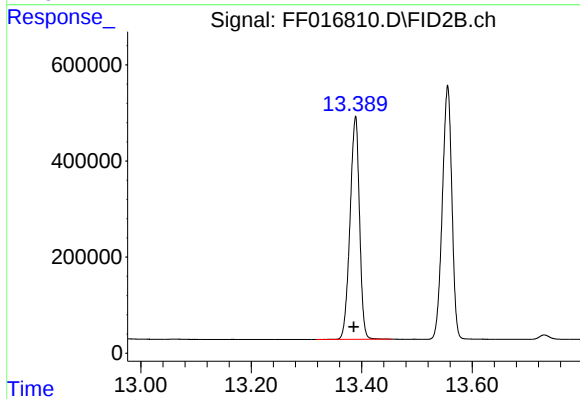
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.002 min
Response: 6405133
Conc: 45.01 ug/ml



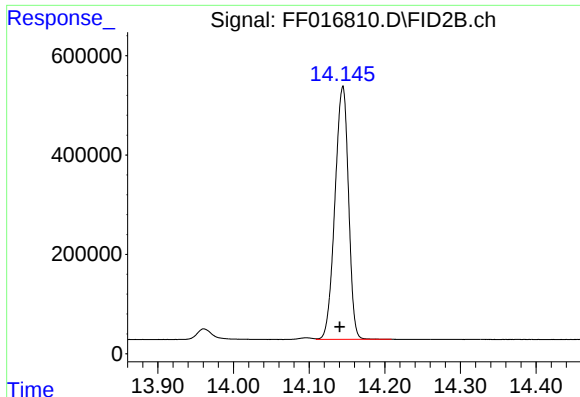
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.002 min
Response: 6324133
Conc: 44.99 ug/ml



#12 1-chlorooctadecane (SURR)

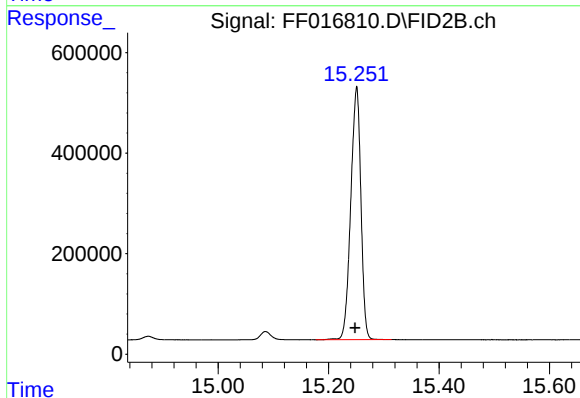
R.T.: 13.388 min
Delta R.T.: 0.003 min
Response: 5525750
Conc: 45.39 ug/ml



#13 n-Docosane (C22)

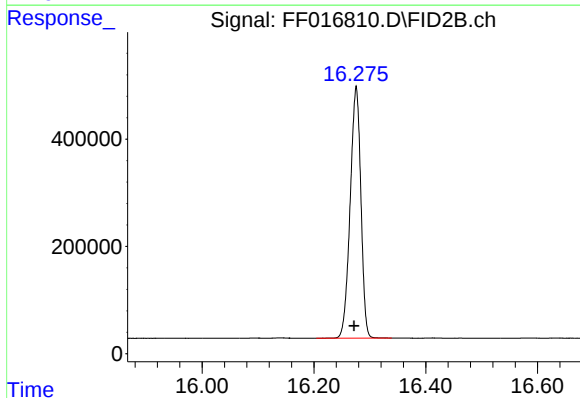
R.T.: 14.144 min
Delta R.T.: 0.004 min
Response: 6346475
Conc: 45.58 ug/ml

Instrument :
FID_E
ClientSampleId :



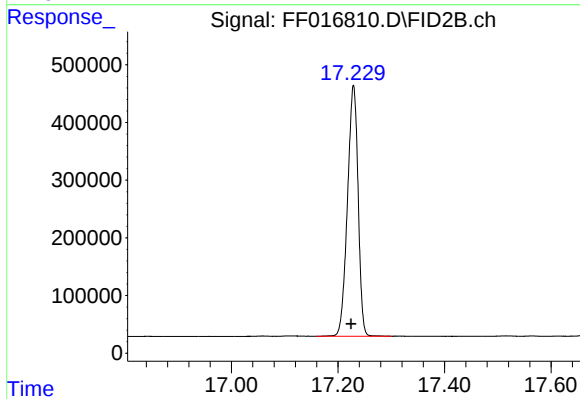
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.003 min
Response: 6405823
Conc: 46.29 ug/ml



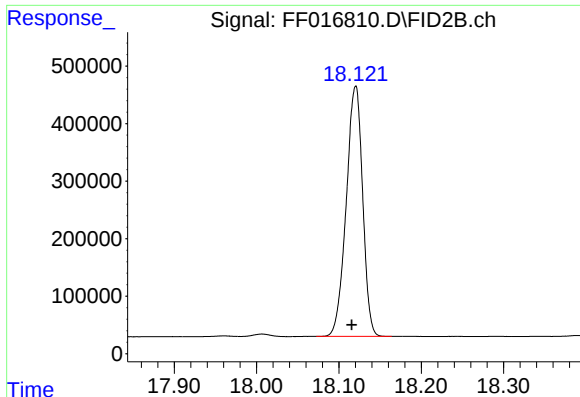
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.004 min
Response: 6218442
Conc: 46.35 ug/ml



#16 n-Octacosane (C28)

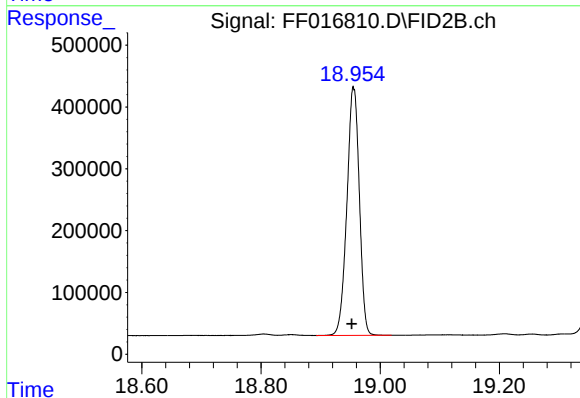
R.T.: 17.229 min
Delta R.T.: 0.004 min
Response: 6030818
Conc: 45.52 ug/ml



#17 n-Tricontane (C30)

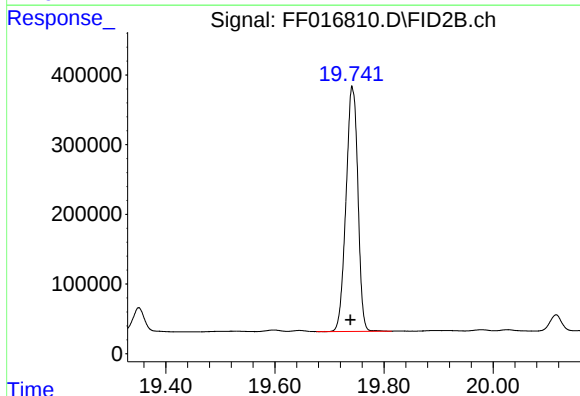
R.T.: 18.120 min
Delta R.T.: 0.004 min
Response: 6029312
Conc: 42.87 ug/ml

Instrument :
FID_E
ClientSampleId :



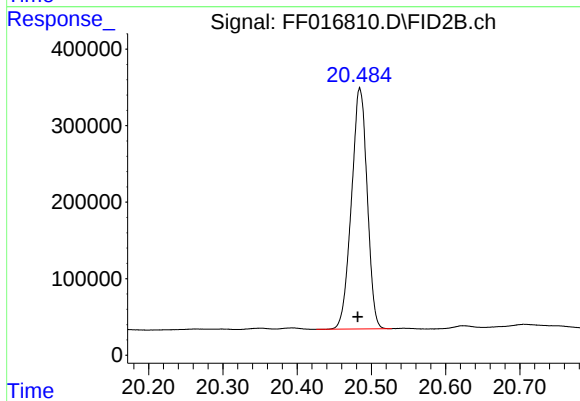
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.003 min
Response: 5824614
Conc: 40.89 ug/ml



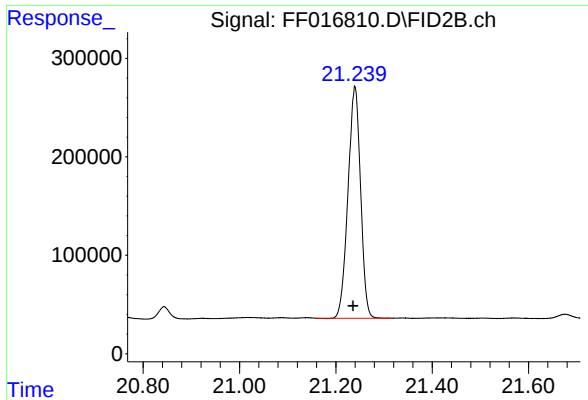
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.004 min
Response: 5305048
Conc: 40.53 ug/ml



#20 n-Hexatriacontane (C36)

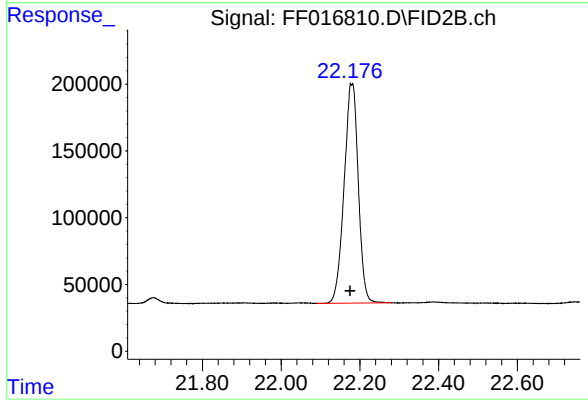
R.T.: 20.485 min
Delta R.T.: 0.003 min
Response: 4637732
Conc: 41.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.004 min
Response: 4276690
Conc: 42.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: 0.004 min
Response: 4111038
Conc: 43.51 ug/ml