

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030325AL\
 Data File : FE052578.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2025 13:04
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 13:38:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:37:33 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)	11.909	909430	5.394 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
12) S 1-chlorooctadecane (S...	13.354	647768	5.335 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
Target Compounds			
1) T n-Nonane (C9)	3.252	835200	5.387 ug/ml
2) T n-Decane (C10)	4.514	848233	5.399 ug/ml
3) T A~Naphthalene (C11.7)	6.228	898827	5.300 ug/ml
4) T n-Dodecane (C12)	6.695	837084	5.376 ug/ml
5) T A~2-methylnaphthalene...	7.330	855434	5.279 ug/ml
6) T n-Tetradecane (C14)	8.531	812990	5.373 ug/ml
7) T n-Hexadecane (C16)	10.145	822877	5.382 ug/ml
8) T n-Octadecane (C18)	11.593	823940	5.416 ug/ml
10) T n-Eicosane (C20)	12.908	782621	5.391 ug/ml
11) T n-Heneicosane (C21)	13.522	768847	5.402 ug/ml
13) T n-Docosane (C22)	14.110	767013	5.390 ug/ml
14) T n-Tetracosane (C24)	15.216	765651	5.350 ug/ml
15) T n-Hexacosane (C26)	16.241	763577	5.370 ug/ml
16) T n-Octacosane (C28)	17.192	779784	5.484 ug/ml
17) T n-Tricontane (C30)	18.083	846559	5.732 ug/ml
18) T n-Dotriacontane (C32)	18.917	846558	5.831 ug/ml
19) T n-Tetratriacontane (C34)	19.703	778580	5.777 ug/ml
20) T n-Hexatriacontane (C36)	20.445	665672	5.602 ug/ml
21) T n-Octatriacontane (C38)	21.185	613739	5.532 ug/ml
22) T n-Tetracontane (C40)	22.104	588940	5.447 ug/ml

(f)=RT Delta > 1/2 Window

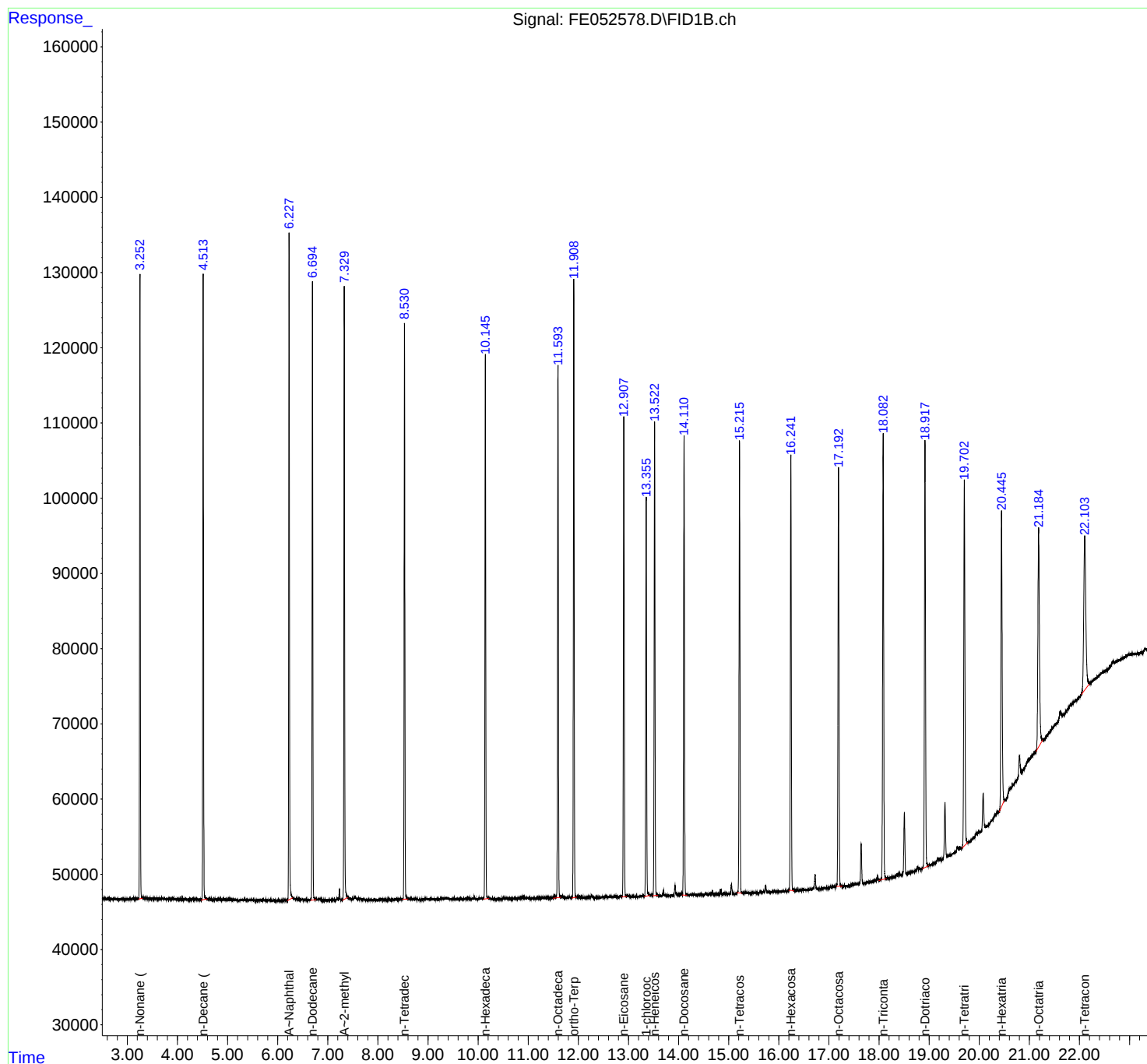
(m)=manual int.

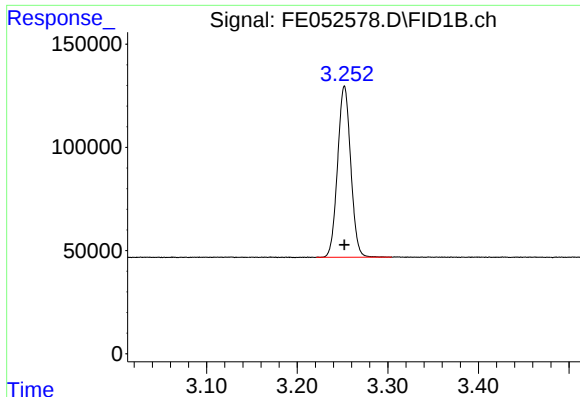
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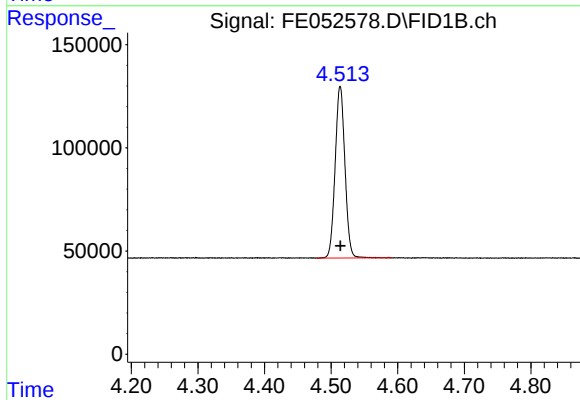




#1 n-Nonane (C9)

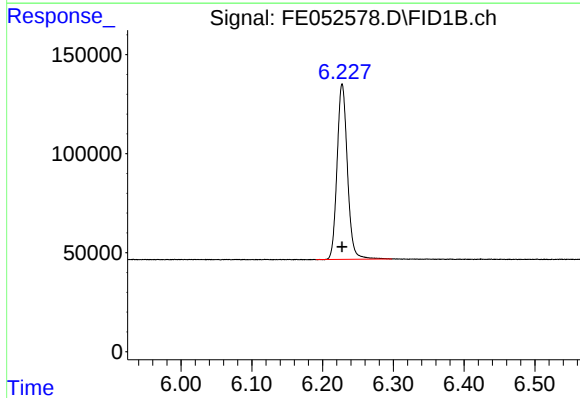
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 835200
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :



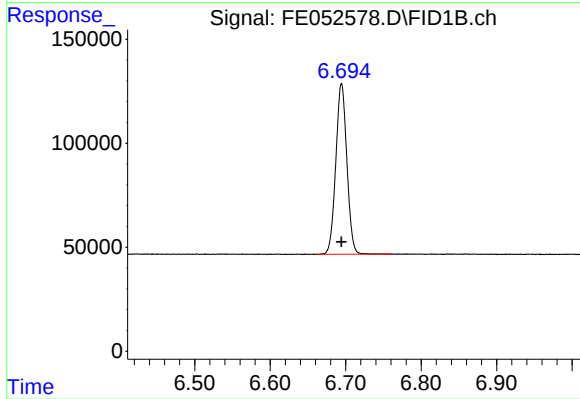
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 848233
Conc: 5.40 ug/ml



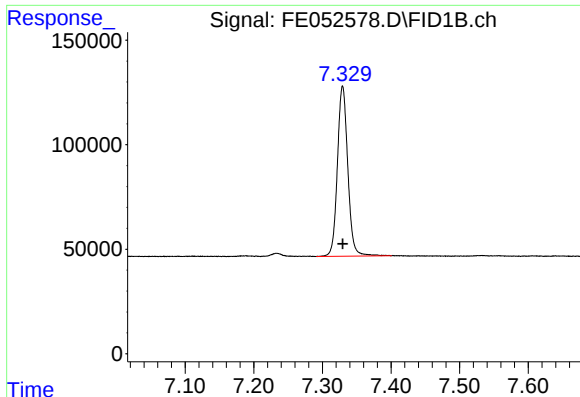
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 898827
Conc: 5.30 ug/ml



#4 n-Dodecane (C12)

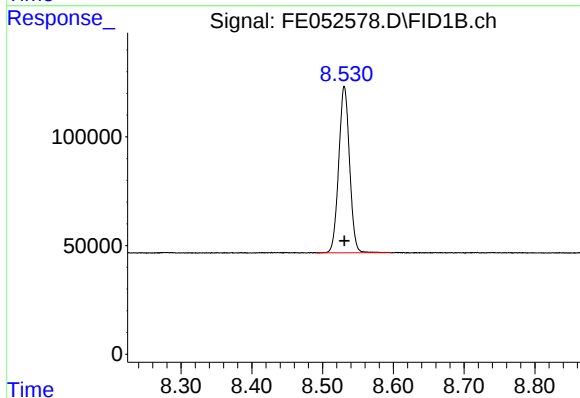
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 837084
Conc: 5.38 ug/ml



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

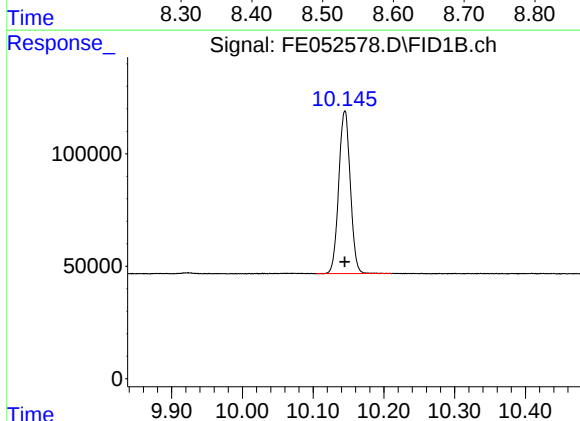
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 855434
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :



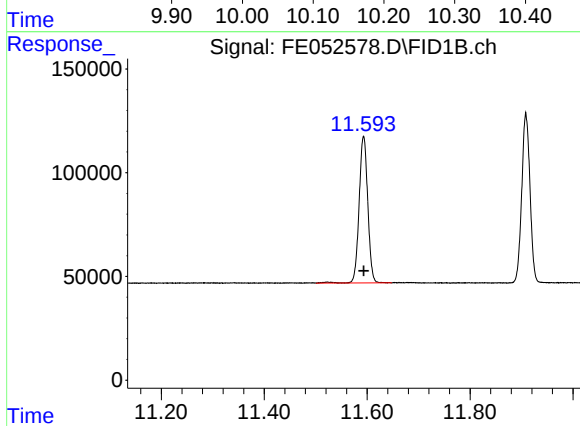
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 812990
Conc: 5.37 ug/ml



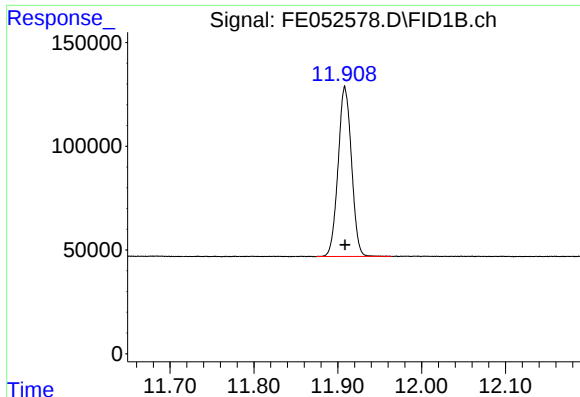
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 822877
Conc: 5.38 ug/ml



#8 n-Octadecane (C18)

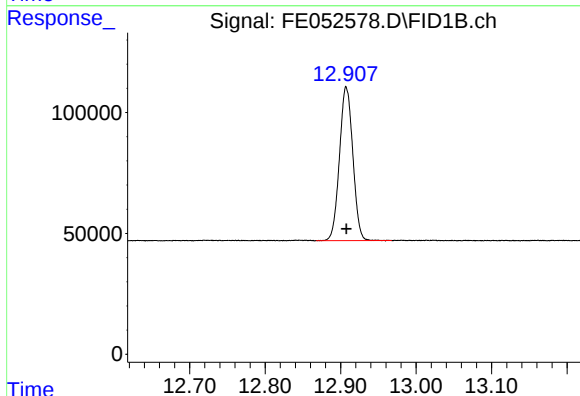
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 823940
Conc: 5.42 ug/ml



#9 ortho-Terphenyl (SURR)

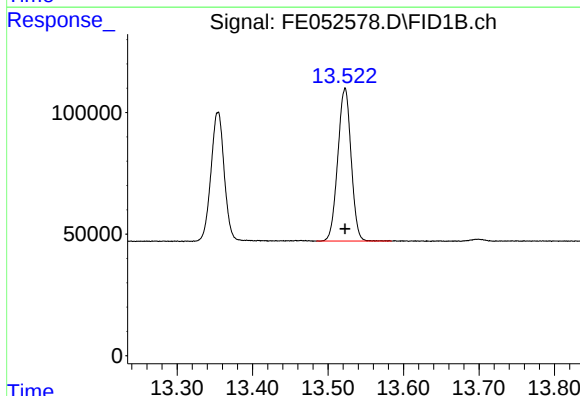
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 909430
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :



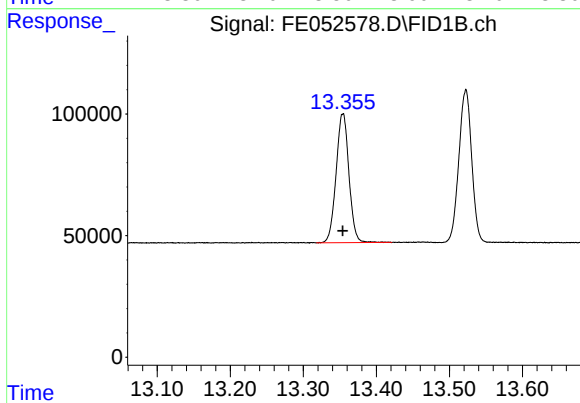
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 782621
Conc: 5.39 ug/ml



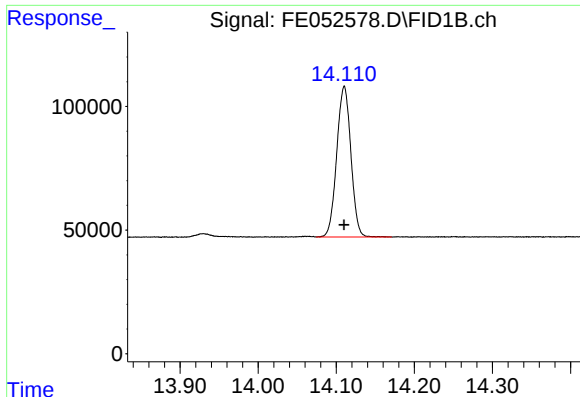
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 768847
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

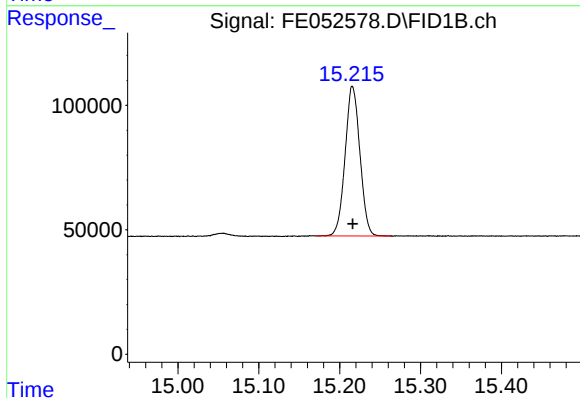
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 647768
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

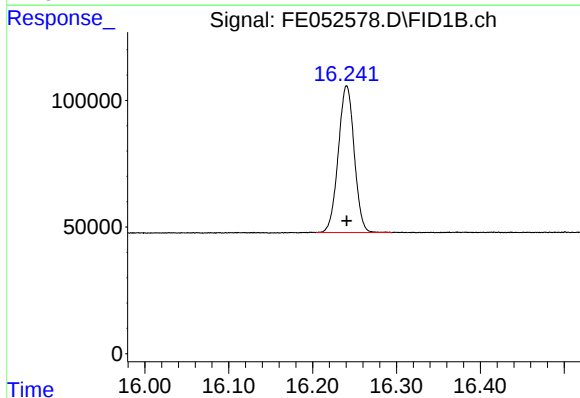
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 767013
Conc: 5.39 ug/ml

Instrument :
FID_E
ClientSampleId :



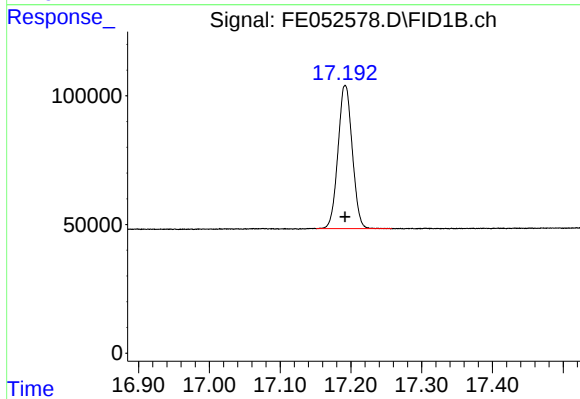
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 765651
Conc: 5.35 ug/ml



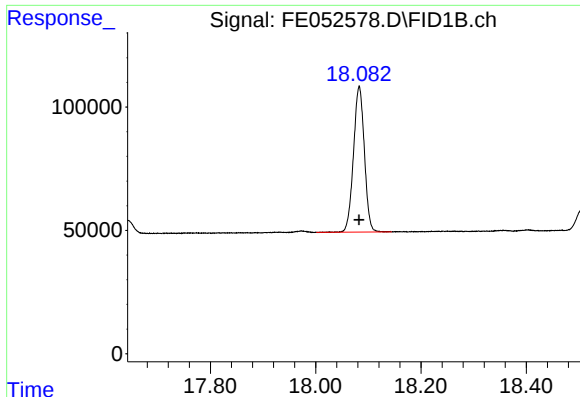
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 763577
Conc: 5.37 ug/ml



#16 n-Octacosane (C28)

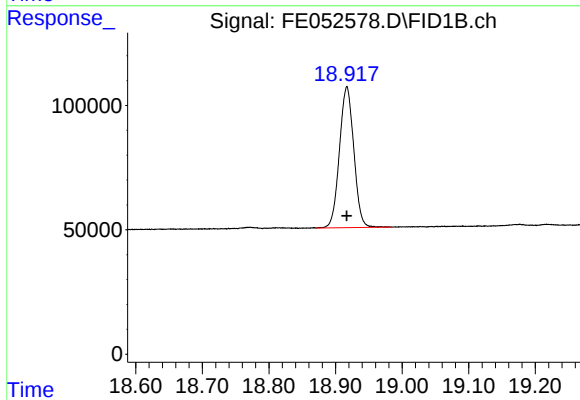
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 779784
Conc: 5.48 ug/ml



#17 n-Tricontane (C30)

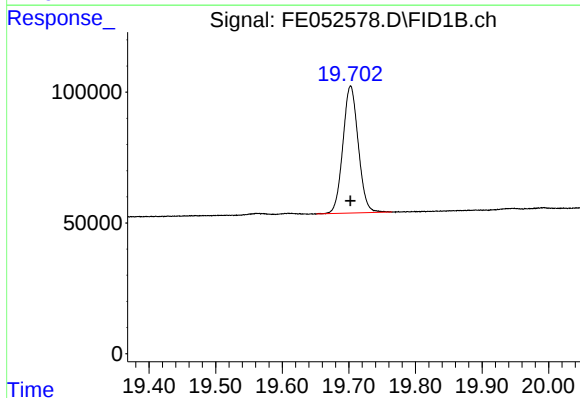
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 846559
Conc: 5.73 ug/ml

Instrument :
FID_E
ClientSampleId :



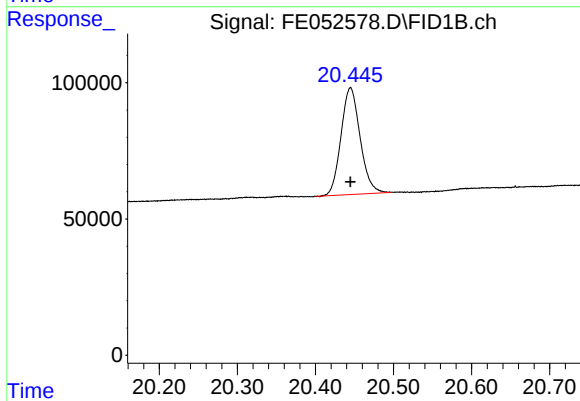
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 846558
Conc: 5.83 ug/ml



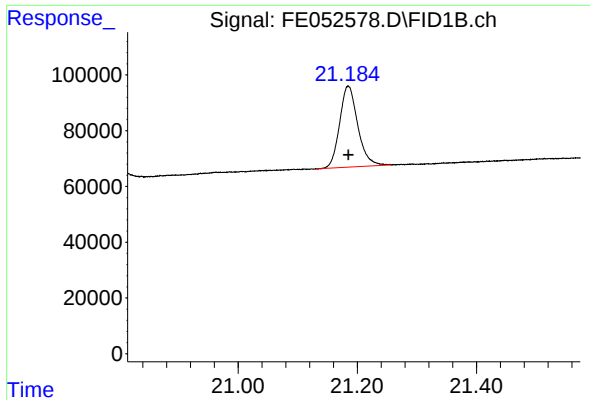
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.000 min
Response: 778580
Conc: 5.78 ug/ml



#20 n-Hexatriacontane (C36)

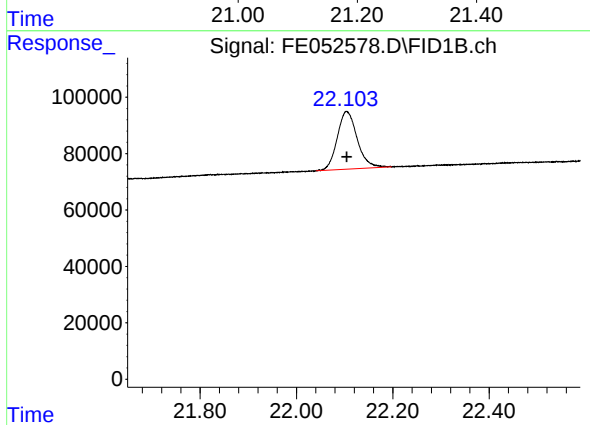
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 665672
Conc: 5.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: 0.000 min
Response: 613739
Conc: 5.53 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 588940
Conc: 5.45 ug/ml