

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FE053351.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2025 19:34
 Operator : YP\AJ
 Sample : Q1784-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 02:39:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.899	6510909	39.973 ug/ml
Spiked Amount 50.000		Recovery =	79.95%
12) S 1-chlorooctadecane (S...	13.344	5104518	42.522 ug/ml
Spiked Amount 50.000		Recovery =	85.04%
Target Compounds			
1) T n-Nonane (C9)	3.231	2033680	13.134 ug/ml
2) T n-Decane (C10)	4.502	16104382	102.668 ug/ml
3) T A~Naphthalene (C11.7)	6.246	16761209	99.775 ug/ml
4) T n-Dodecane (C12)	6.701	53872381	344.455 ug/ml
5) T A~2-methylnaphthalene...	7.316	21337885	133.730 ug/ml
6) T n-Tetradecane (C14)	8.531	28923027	188.896 ug/ml
7) T n-Hexadecane (C16)	10.136	10668036	69.207 ug/ml
8) T n-Octadecane (C18)	11.582	3412349	22.499 ug/ml
10) T n-Eicosane (C20)	12.896	2223475	15.595 ug/ml
11) T n-Heneicosane (C21)	13.510	1436846	10.354 ug/ml
13) T n-Docosane (C22)	14.099	942455	6.881 ug/ml
14) T n-Tetracosane (C24)	15.191	1262398	9.347 ug/ml
15) T n-Hexacosane (C26)	16.233	579936	4.347 ug/ml
16) T n-Octacosane (C28)	17.206	904070	6.851 ug/ml
17) T n-Tricontane (C30)	18.079	1039945	7.673 ug/ml
18) T n-Dotriacontane (C32)	18.916	1485875	11.042 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2009090	15.527 ug/ml
20) T n-Hexatriacontane (C36)	20.453	786398	6.620 ug/ml
21) T n-Octatriacontane (C38)	21.200	1032719	8.985 ug/ml
22) T n-Tetracontane (C40)	22.128	4293976	38.232 ug/ml

(f)=RT Delta > 1/2 Window

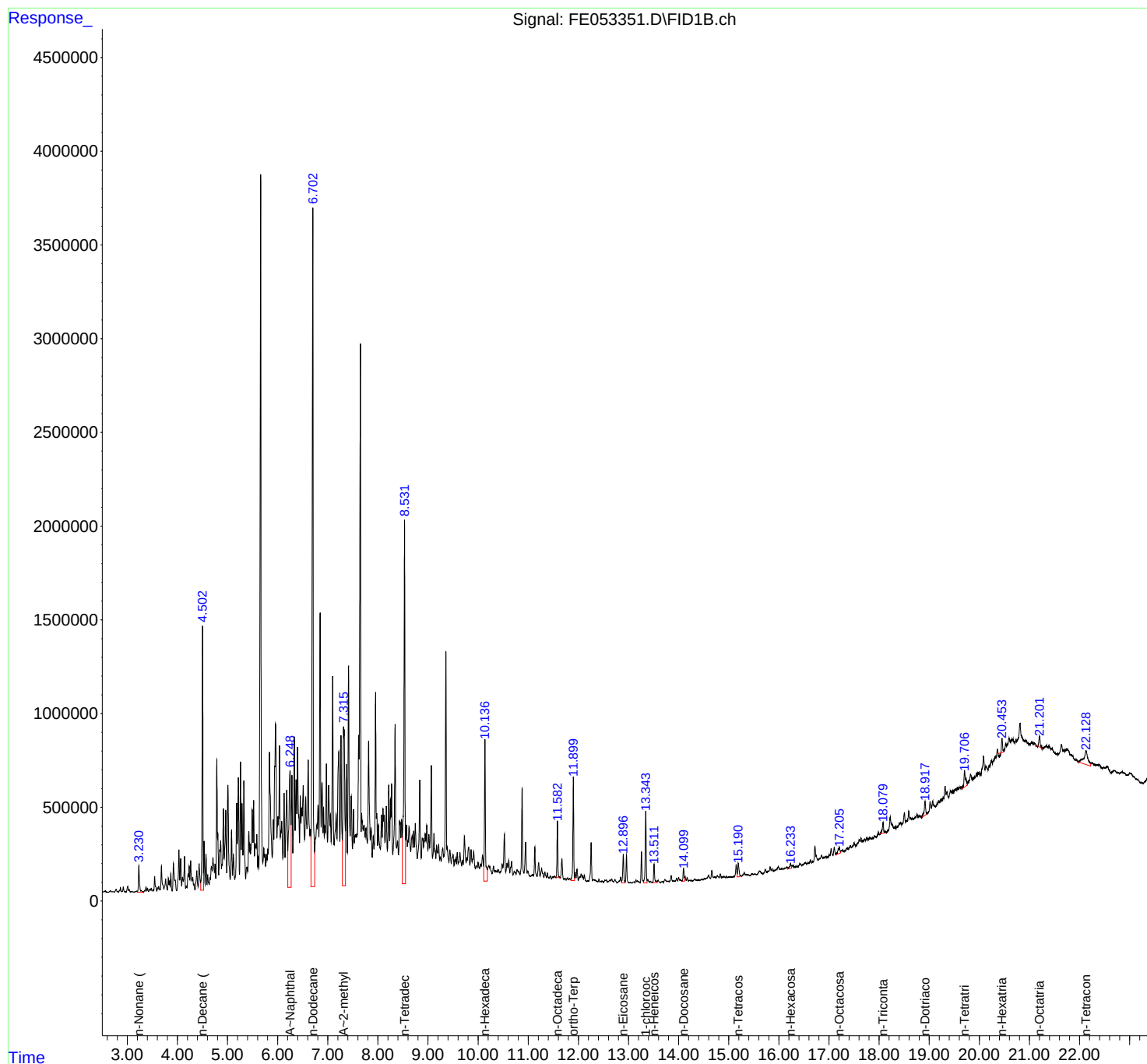
(m)=manual int.

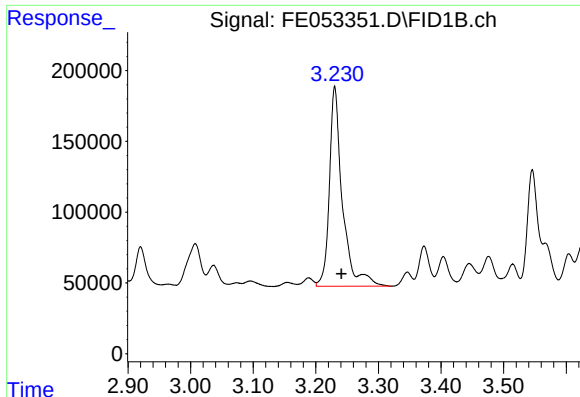
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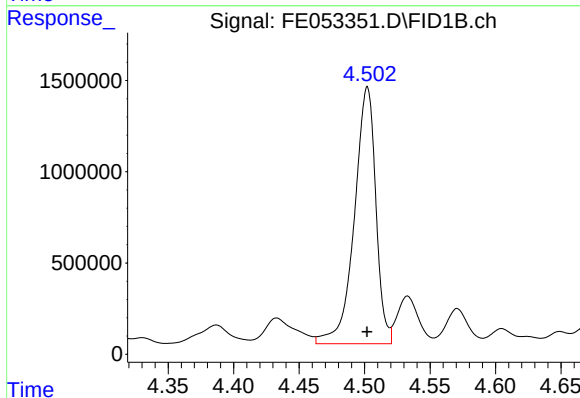




#1 n-Nonane (C9)

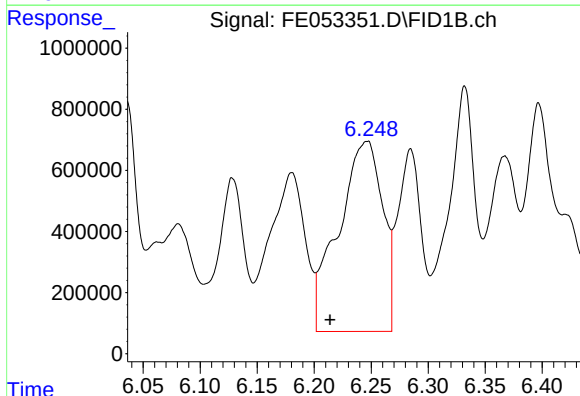
R.T.: 3.231 min
Delta R.T.: -0.010 min
Response: 2033680
Conc: 13.13 ug/ml

Instrument :
FID_E
ClientSampleId :



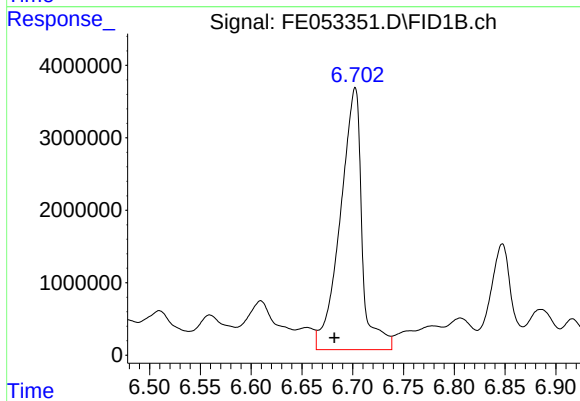
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 16104382
Conc: 102.67 ug/ml



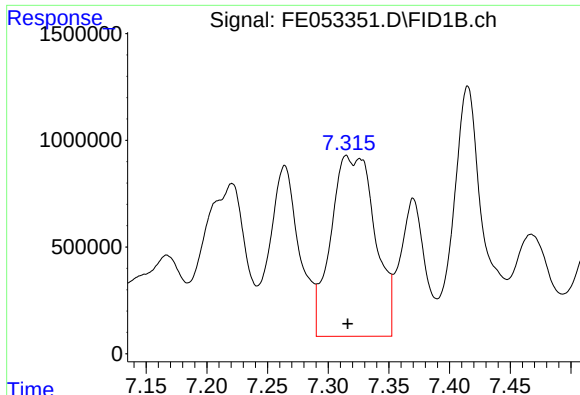
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: 0.031 min
Response: 16761209
Conc: 99.78 ug/ml



#4 n-Dodecane (C12)

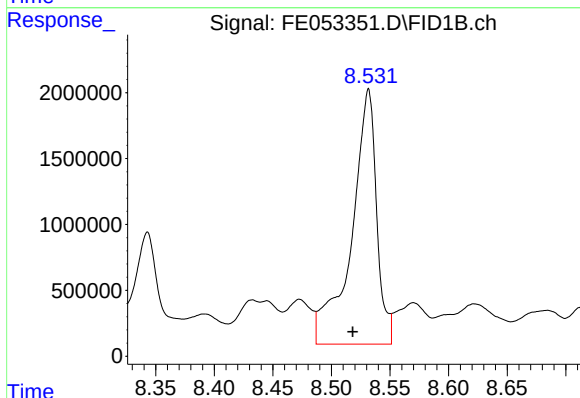
R.T.: 6.701 min
Delta R.T.: 0.019 min
Response: 53872381
Conc: 344.46 ug/ml



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

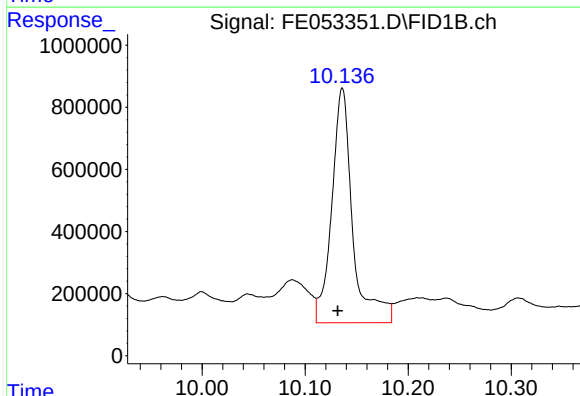
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 21337885
Conc: 133.73 ug/ml

Instrument :
FID_E
ClientSampleId :



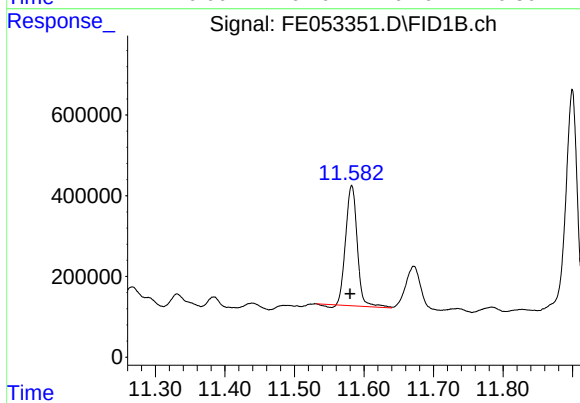
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.013 min
Response: 28923027
Conc: 188.90 ug/ml



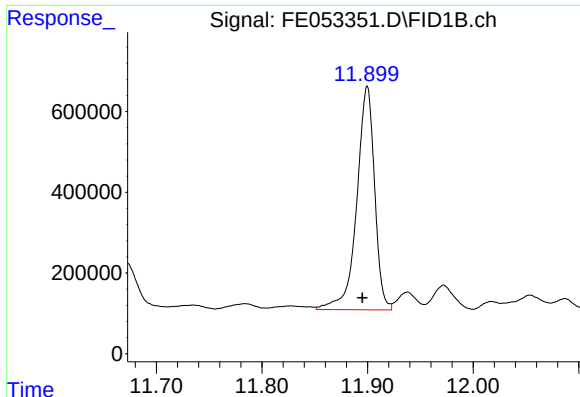
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: 0.004 min
Response: 10668036
Conc: 69.21 ug/ml



#8 n-Octadecane (C18)

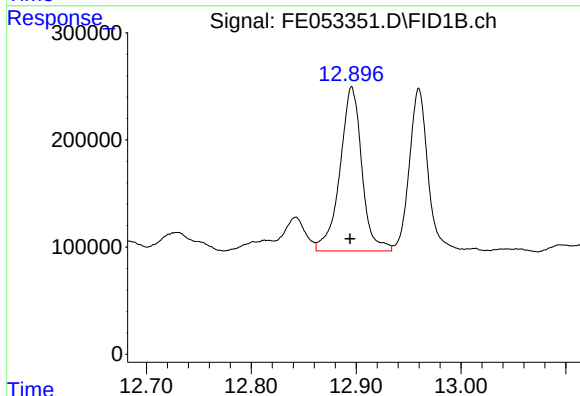
R.T.: 11.582 min
Delta R.T.: 0.002 min
Response: 3412349
Conc: 22.50 ug/ml



#9 ortho-Terphenyl (SURR)

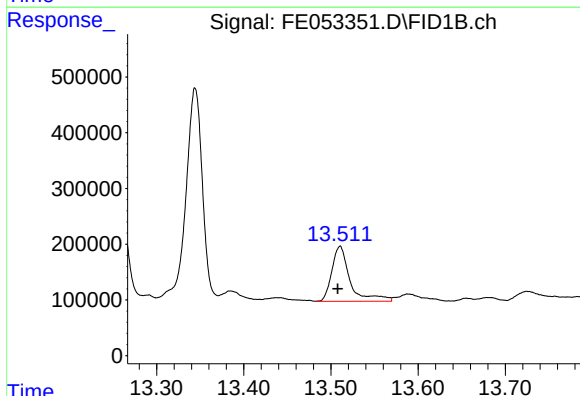
R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 6510909
Conc: 39.97 ug/ml

Instrument :
FID_E
ClientSampleId :



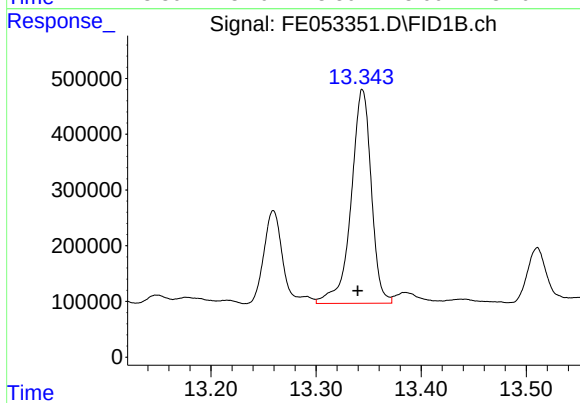
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: 0.002 min
Response: 2223475
Conc: 15.60 ug/ml



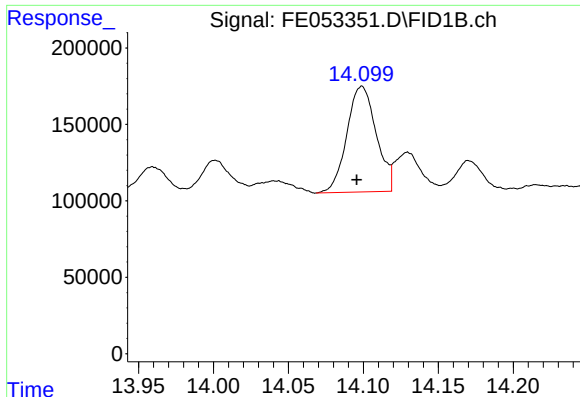
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 1436846
Conc: 10.35 ug/ml



#12 1-chlorooctadecane (SURR)

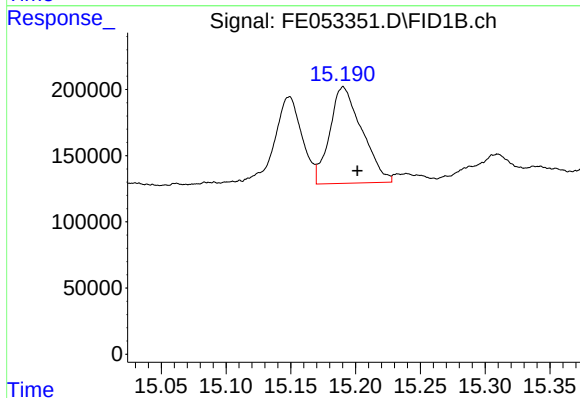
R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 5104518
Conc: 42.52 ug/ml



#13 n-Docosane (C22)

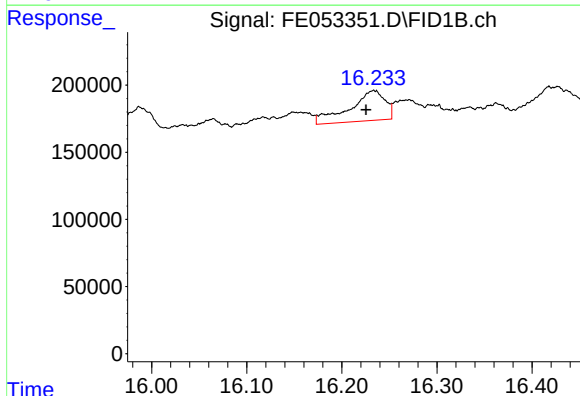
R.T.: 14.099 min
Delta R.T.: 0.003 min
Response: 942455
Conc: 6.88 ug/ml

Instrument :
FID_E
ClientSampleId :



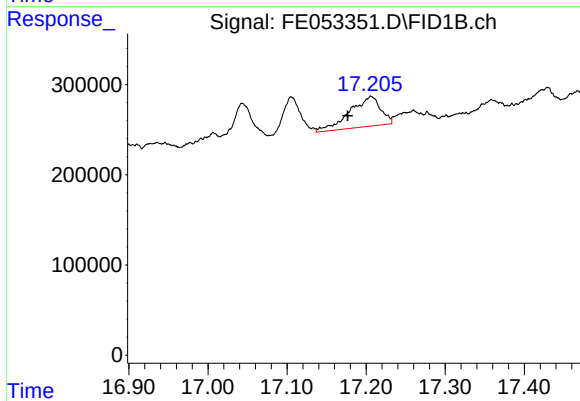
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.011 min
Response: 1262398
Conc: 9.35 ug/ml



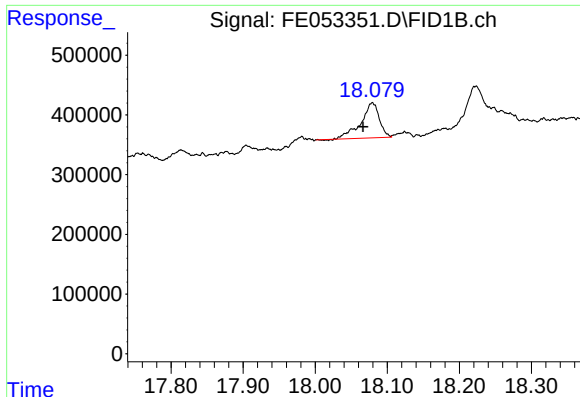
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.008 min
Response: 579936
Conc: 4.35 ug/ml



#16 n-Octacosane (C28)

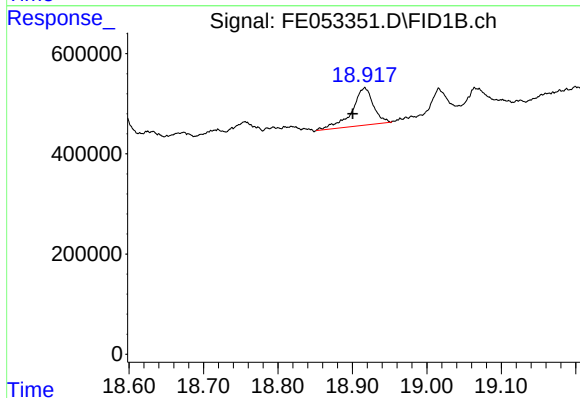
R.T.: 17.206 min
Delta R.T.: 0.030 min
Response: 904070
Conc: 6.85 ug/ml



#17 n-Tricontane (C30)

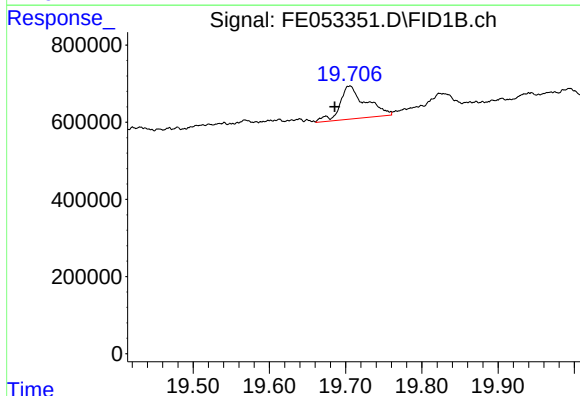
R.T.: 18.079 min
Delta R.T.: 0.013 min
Response: 1039945
Conc: 7.67 ug/ml

Instrument :
FID_E
ClientSampleId :



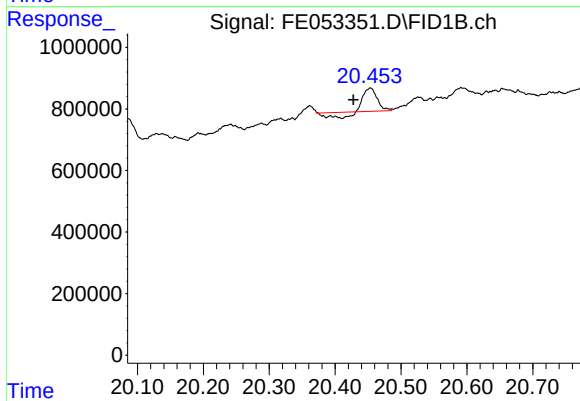
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.016 min
Response: 1485875
Conc: 11.04 ug/ml



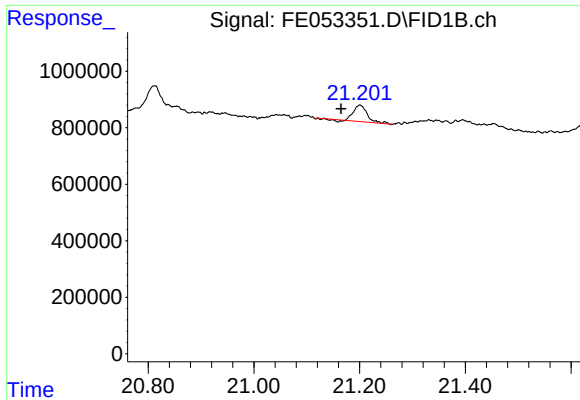
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.019 min
Response: 2009090
Conc: 15.53 ug/ml



#20 n-Hexatriacontane (C36)

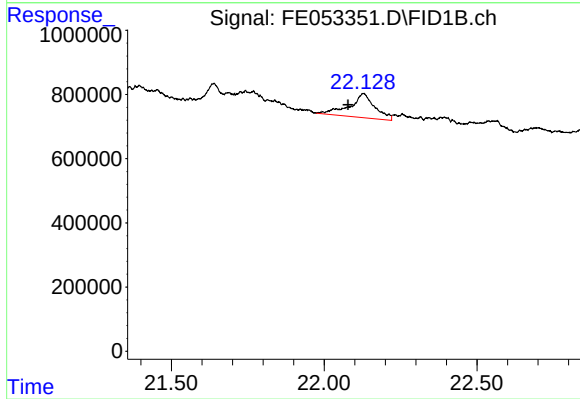
R.T.: 20.453 min
Delta R.T.: 0.025 min
Response: 786398
Conc: 6.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.035 min
Response: 1032719
Conc: 8.99 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.050 min
Response: 4293976
Conc: 38.23 ug/ml