

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092123AL\
 Data File : FE044393.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2023 11:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 21 16:51:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 2023
 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)	11.924	3242823	17.117 ug/ml
Spiked Amount 50.000		Recovery =	34.23%
12) S 1-chlorooctadecane (S...	13.362	2406207	17.418 ug/ml
Spiked Amount 50.000		Recovery =	34.84%
Target Compounds			
1) T n-Nonane (C9)	3.312	2744026	16.821 ug/ml
2) T n-Decane (C10)	4.563	2799976	16.846 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3038635	16.969 ug/ml
4) T n-Dodecane (C12)	6.727	2821473	16.777 ug/ml
5) T A~2-methylnaphthalene...	7.359	2951513	17.217 ug/ml
6) T n-Tetradecane (C14)	8.554	2804047	16.720 ug/ml
7) T n-Hexadecane (C16)	10.162	2843987	16.455 ug/ml
8) T n-Octadecane (C18)	11.607	2829328	16.254 ug/ml
10) T n-Eicosane (C20)	12.917	2707021	16.365 ug/ml
11) T n-Heneicosane (C21)	13.529	2639135	16.316 ug/ml
13) T n-Docosane (C22)	14.116	2589992	16.212 ug/ml
14) T n-Tetracosane (C24)	15.220	2520304	16.117 ug/ml
15) T n-Hexacosane (C26)	16.242	2460114	16.319 ug/ml
16) T n-Octacosane (C28)	17.193	2445542	16.946 ug/ml
17) T n-Tricontane (C30)	18.082	2620859	18.040 ug/ml
18) T n-Dotriacontane (C32)	18.916	2709156	19.019 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2625252	18.760 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2628999	19.177 ug/ml
21) T n-Octatriacontane (C38)	21.184	2645581	19.058 ug/ml
22) T n-Tetracontane (C40)	22.105	2729959	19.745 ug/ml

(f)=RT Delta > 1/2 Window

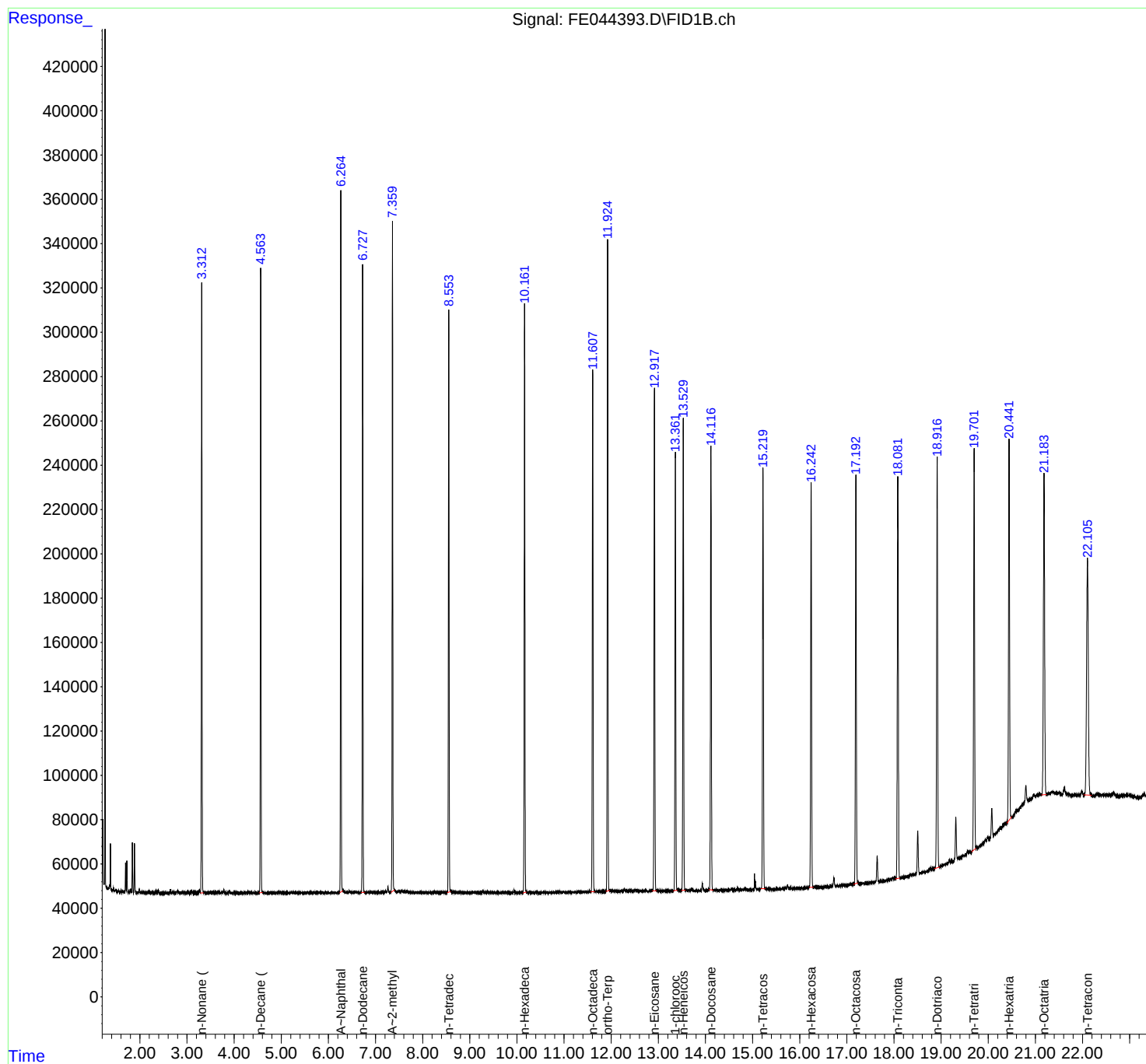
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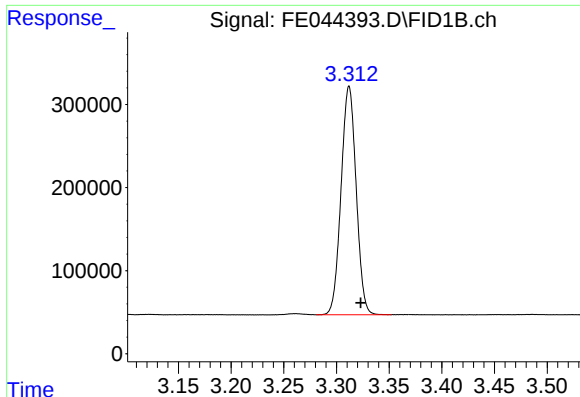
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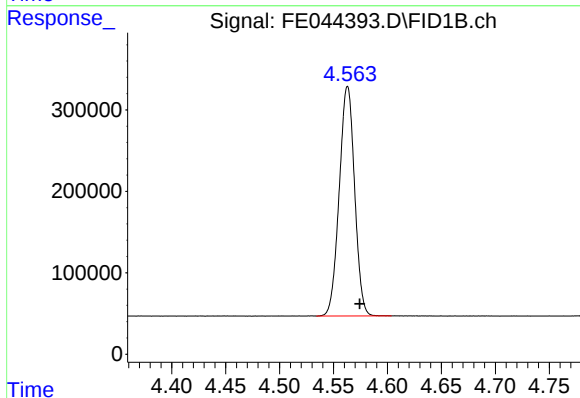




#1 n-Nonane (C9)

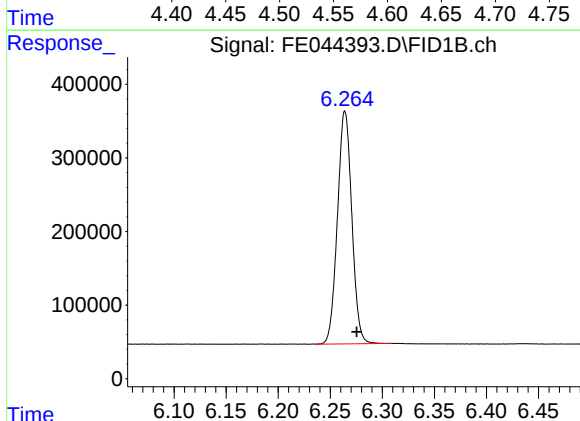
R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 2744026
Conc: 16.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



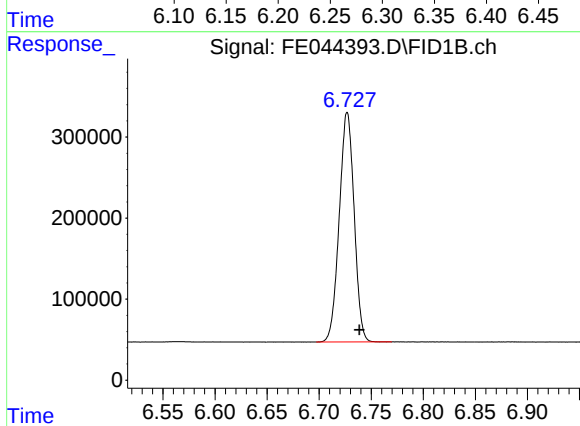
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.011 min
Response: 2799976
Conc: 16.85 ug/ml



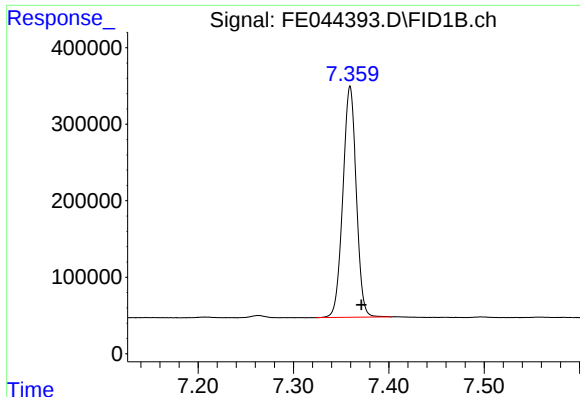
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.011 min
Response: 3038635
Conc: 16.97 ug/ml



#4 n-Dodecane (C12)

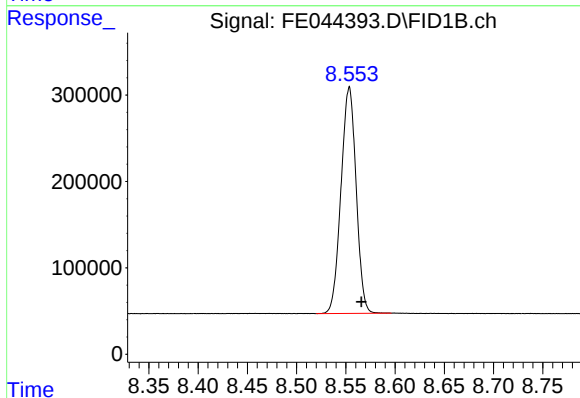
R.T.: 6.727 min
Delta R.T.: -0.012 min
Response: 2821473
Conc: 16.78 ug/ml



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

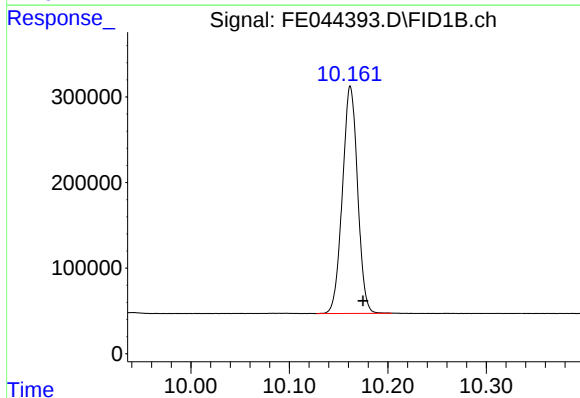
R.T.: 7.359 min
Delta R.T.: -0.012 min
Response: 2951513
Conc: 17.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



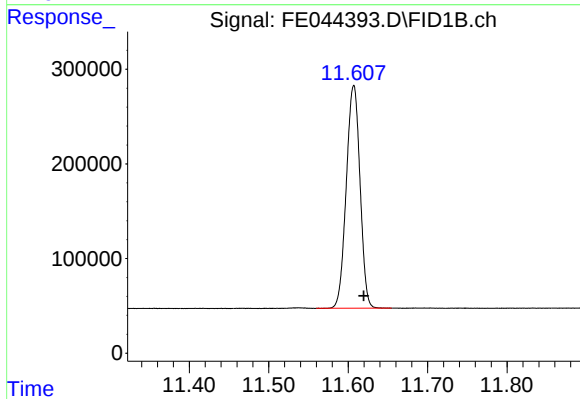
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.012 min
Response: 2804047
Conc: 16.72 ug/ml



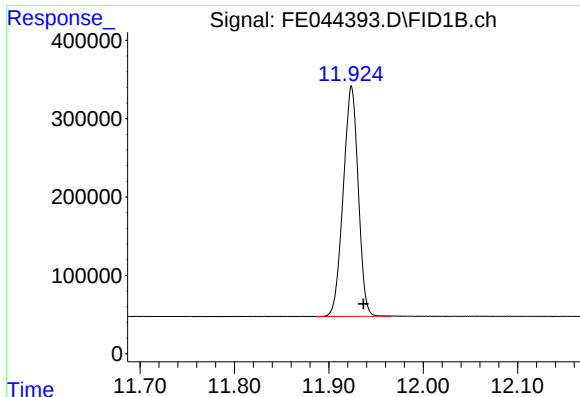
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.013 min
Response: 2843987
Conc: 16.45 ug/ml



#8 n-Octadecane (C18)

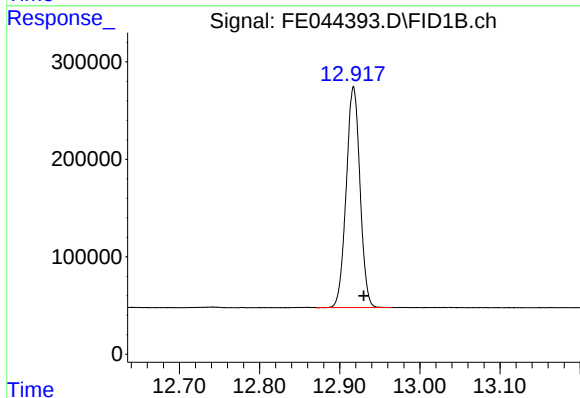
R.T.: 11.607 min
Delta R.T.: -0.013 min
Response: 2829328
Conc: 16.25 ug/ml



#9 ortho-Terphenyl (SURR)

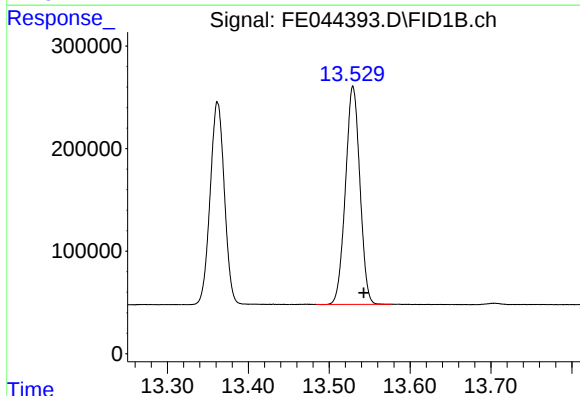
R.T.: 11.924 min
Delta R.T.: -0.013 min
Response: 3242823
Conc: 17.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



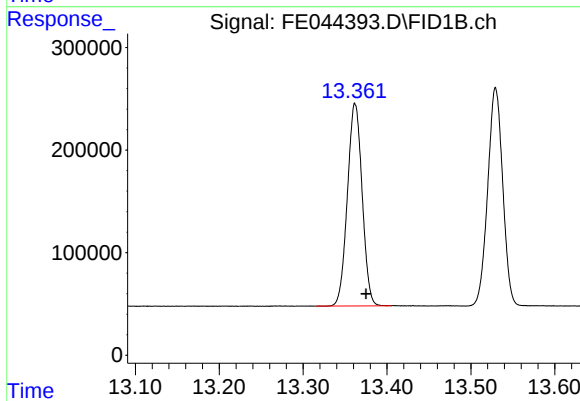
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.013 min
Response: 2707021
Conc: 16.37 ug/ml



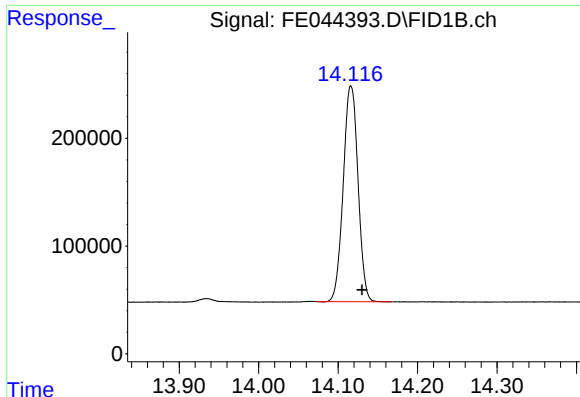
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.013 min
Response: 2639135
Conc: 16.32 ug/ml



#12 1-chlorooctadecane (SURR)

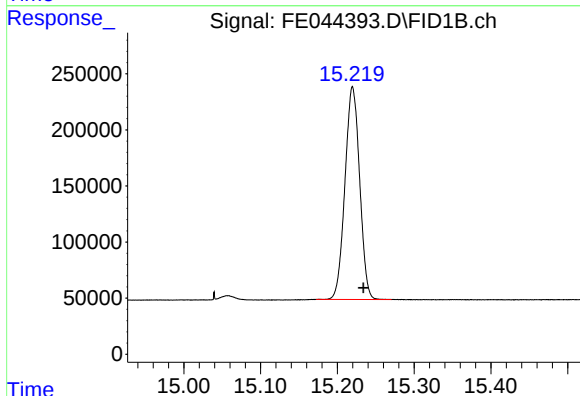
R.T.: 13.362 min
Delta R.T.: -0.013 min
Response: 2406207
Conc: 17.42 ug/ml



#13 n-Docosane (C22)

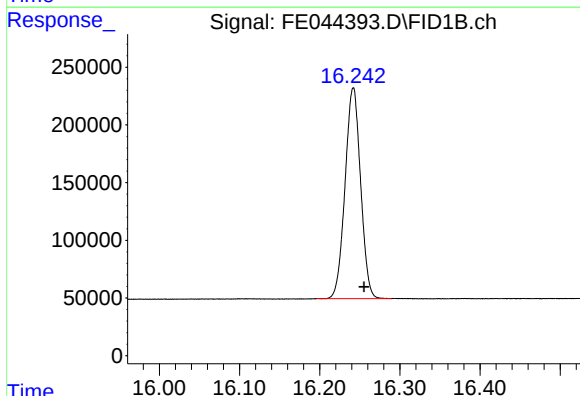
R.T.: 14.116 min
Delta R.T.: -0.014 min
Response: 2589992
Conc: 16.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



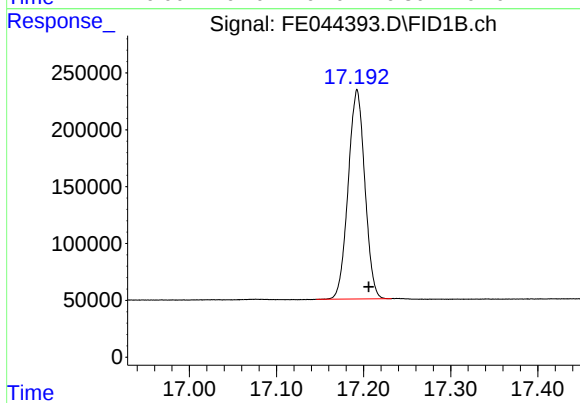
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.014 min
Response: 2520304
Conc: 16.12 ug/ml



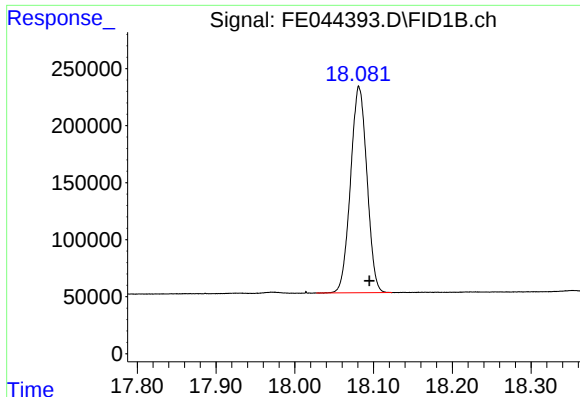
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.014 min
Response: 2460114
Conc: 16.32 ug/ml



#16 n-Octacosane (C28)

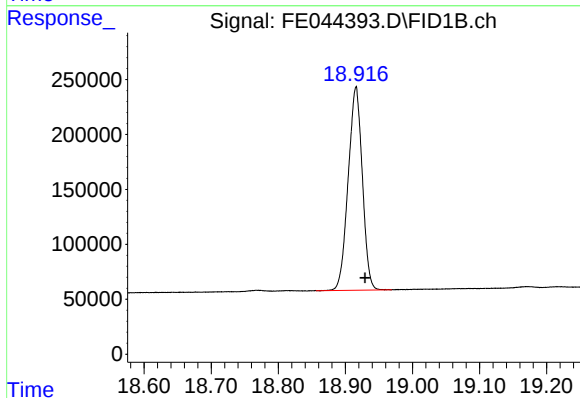
R.T.: 17.193 min
Delta R.T.: -0.013 min
Response: 2445542
Conc: 16.95 ug/ml



#17 n-Tricontane (C30)

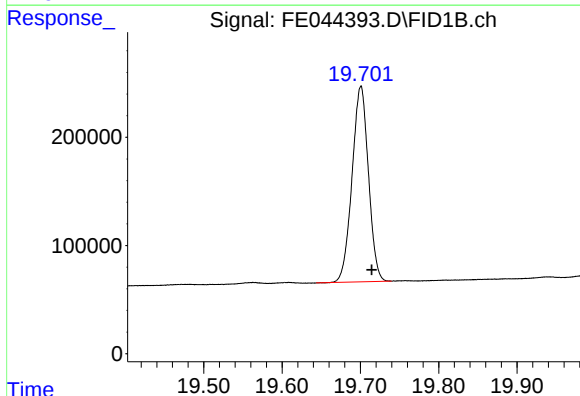
R.T.: 18.082 min
Delta R.T.: -0.013 min
Response: 2620859
Conc: 18.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



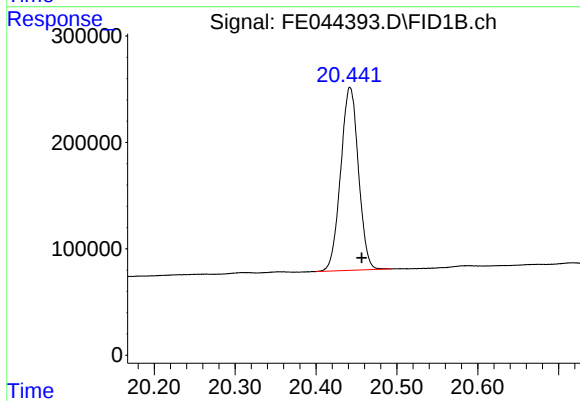
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.014 min
Response: 2709156
Conc: 19.02 ug/ml



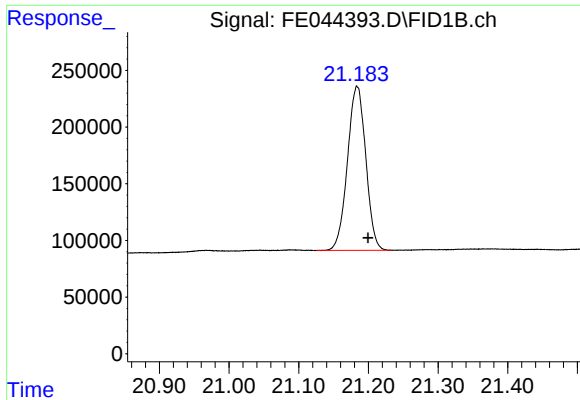
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.014 min
Response: 2625252
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

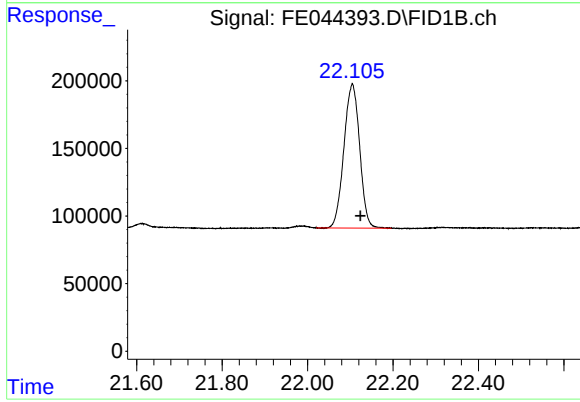
R.T.: 20.442 min
Delta R.T.: -0.015 min
Response: 2628999
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.016 min
Response: 2645581
Conc: 19.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.019 min
Response: 2729959
Conc: 19.74 ug/ml