

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
 Data File : FE042532.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 11:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 09 12:35:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.943	3176633	17.990 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
12) S 1-chlorooctadecane (S...	13.379	2354231	17.717 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
Target Compounds			
1) T n-Nonane (C9)	3.322	2664662	18.479 ug/ml
2) T n-Decane (C10)	4.574	2768954	18.705 ug/ml
3) T A~Naphthalene (C11.7)	6.282	2964408	18.169 ug/ml
4) T n-Dodecane (C12)	6.743	2806111	18.713 ug/ml
5) T A~2-methylnaphthalene...	7.380	2847343	17.941 ug/ml
6) T n-Tetradecane (C14)	8.572	2785532	18.594 ug/ml
7) T n-Hexadecane (C16)	10.180	2888400	18.543 ug/ml
8) T n-Octadecane (C18)	11.623	2909273	18.398 ug/ml
10) T n-Eicosane (C20)	12.933	2771062	18.281 ug/ml
11) T n-Heneicosane (C21)	13.546	2684872	18.122 ug/ml
13) T n-Docosane (C22)	14.132	2677957	18.267 ug/ml
14) T n-Tetracosane (C24)	15.234	2596001	17.983 ug/ml
15) T n-Hexacosane (C26)	16.256	2562242	18.500 ug/ml
16) T n-Octacosane (C28)	17.207	2608859	19.486 ug/ml
17) T n-Tricontane (C30)	18.093	2867981	21.246 ug/ml
18) T n-Dotriacontane (C32)	18.928	2935413	21.973 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2766339	21.035 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2639008	20.304 ug/ml
21) T n-Octatriacontane (C38)	21.198	2620277	19.313 ug/ml
22) T n-Tetracontane (C40)	22.128	2635272	18.943 ug/ml

(f)=RT Delta > 1/2 Window

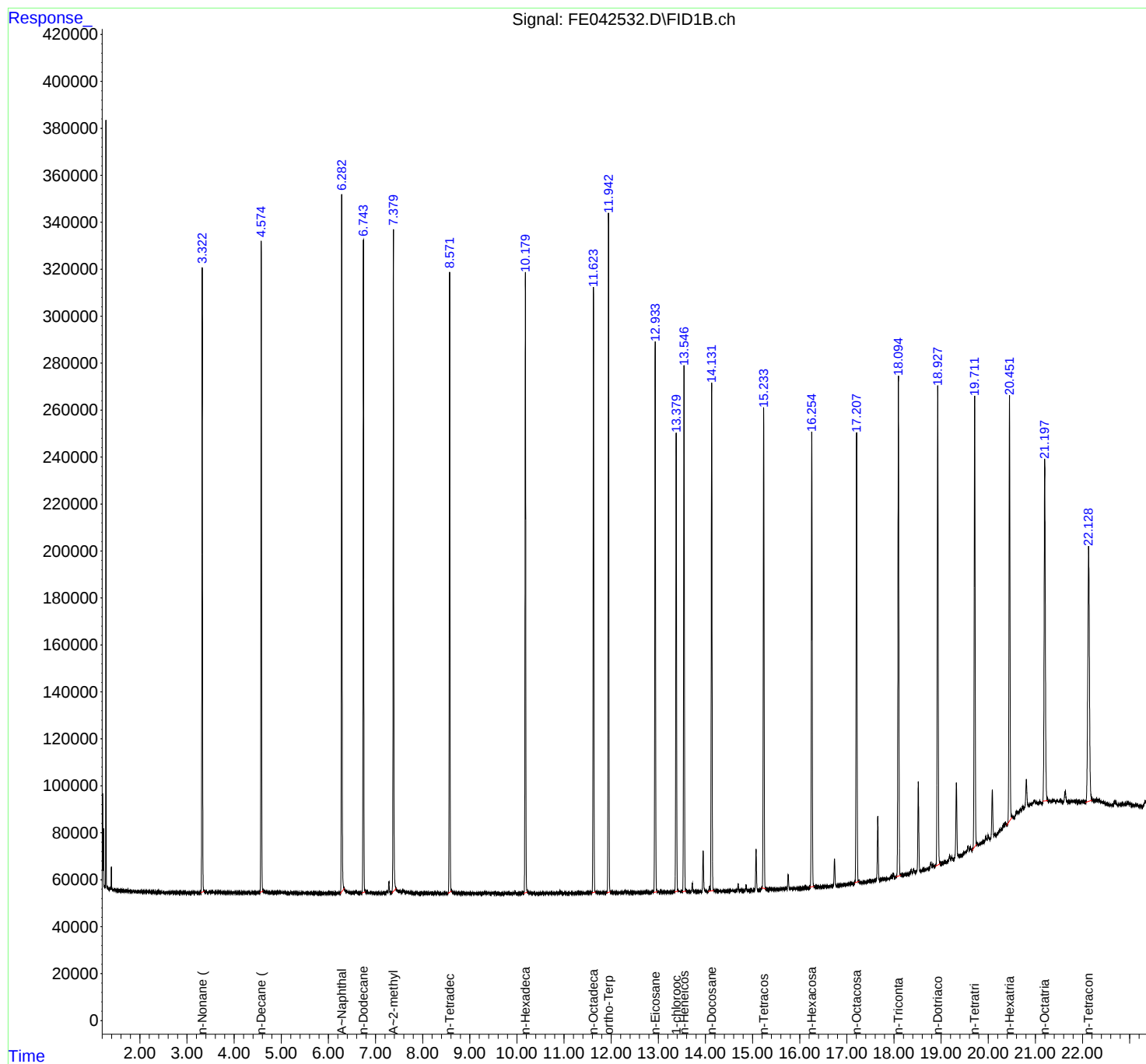
(m)=manual int.

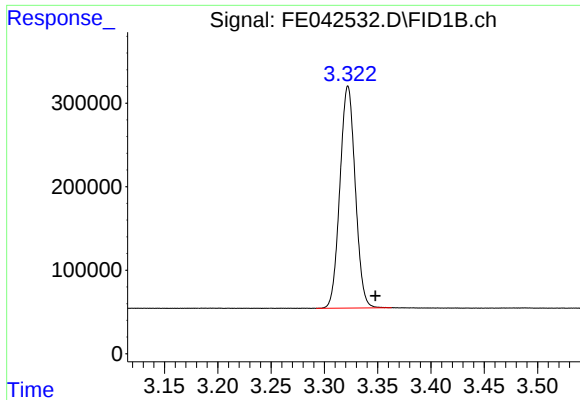
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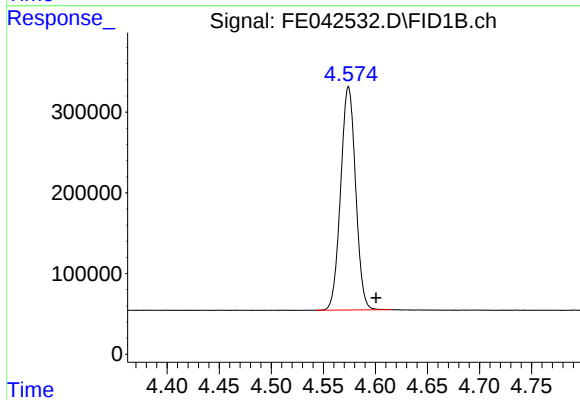




#1 n-Nonane (C9)

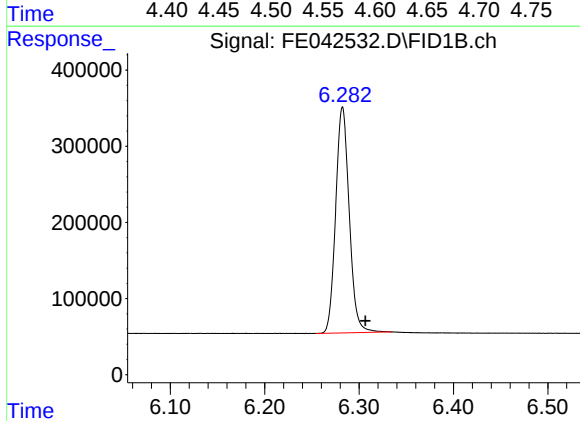
R.T.: 3.322 min
Delta R.T.: -0.026 min
Response: 2664662
Conc: 18.48 ug/ml

Instrument :
FID_E
ClientSampleId :



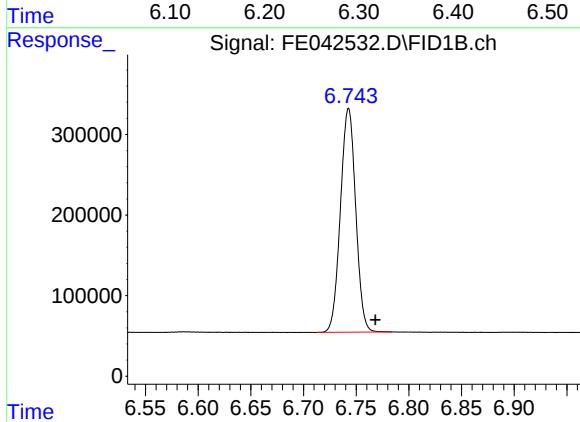
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.026 min
Response: 2768954
Conc: 18.70 ug/ml



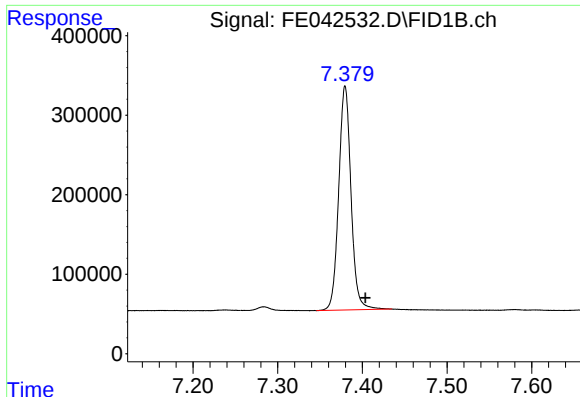
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.024 min
Response: 2964408
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

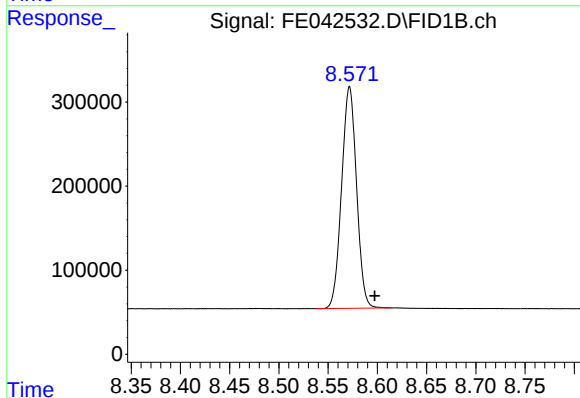
R.T.: 6.743 min
Delta R.T.: -0.025 min
Response: 2806111
Conc: 18.71 ug/ml



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

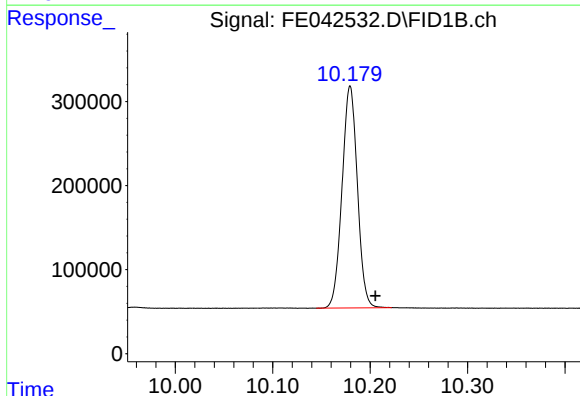
R.T.: 7.380 min
Delta R.T.: -0.024 min
Response: 2847343
Conc: 17.94 ug/ml

Instrument :
FID_E
ClientSampleId :



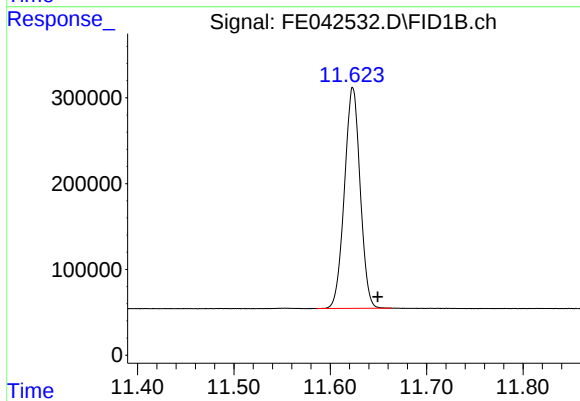
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.025 min
Response: 2785532
Conc: 18.59 ug/ml



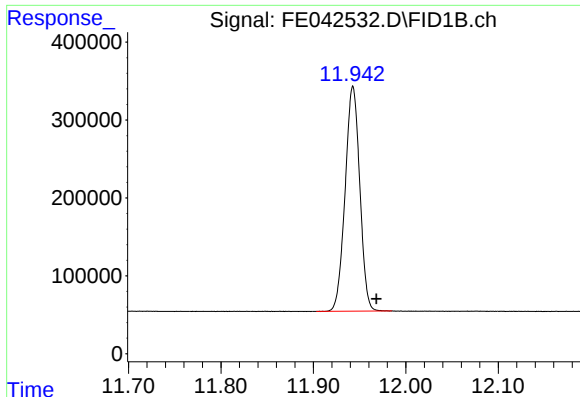
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.026 min
Response: 2888400
Conc: 18.54 ug/ml



#8 n-Octadecane (C18)

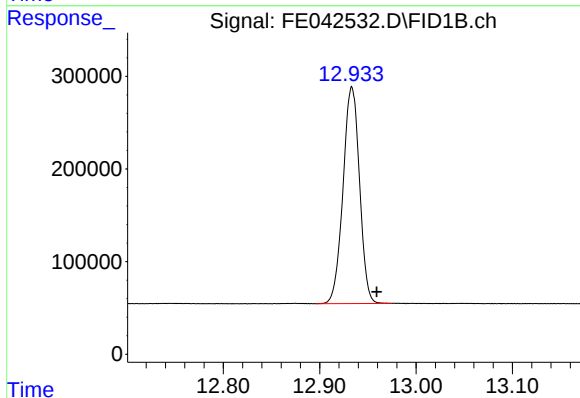
R.T.: 11.623 min
Delta R.T.: -0.026 min
Response: 2909273
Conc: 18.40 ug/ml



#9 ortho-Terphenyl (SURR)

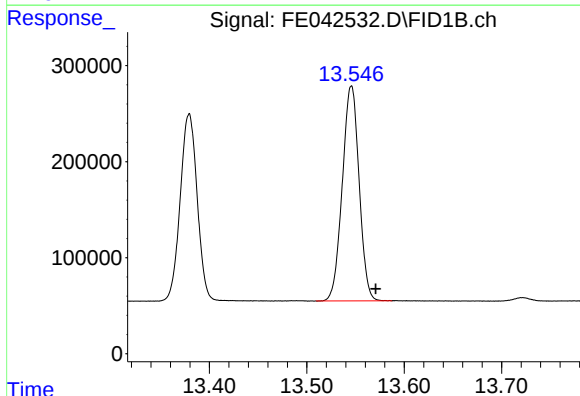
R.T.: 11.943 min
Delta R.T.: -0.025 min
Response: 3176633
Conc: 17.99 ug/ml

Instrument :
FID_E
ClientSampleId :



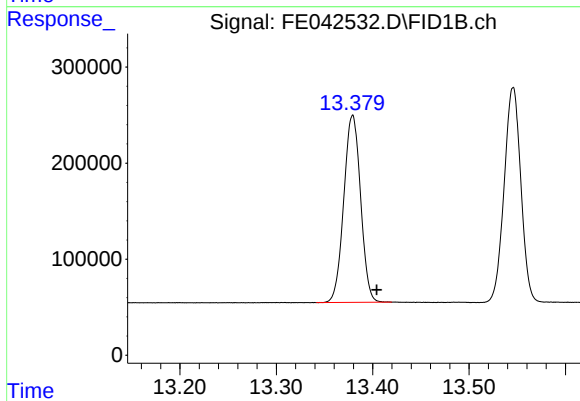
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.026 min
Response: 2771062
Conc: 18.28 ug/ml



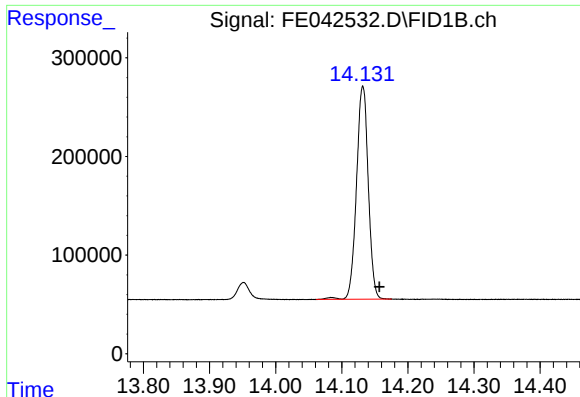
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.025 min
Response: 2684872
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

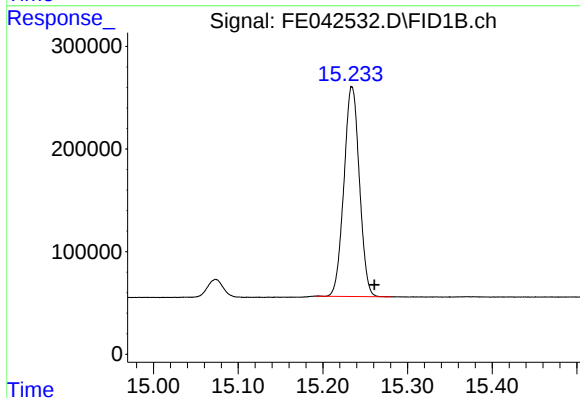
R.T.: 13.379 min
Delta R.T.: -0.025 min
Response: 2354231
Conc: 17.72 ug/ml



#13 n-Docosane (C22)

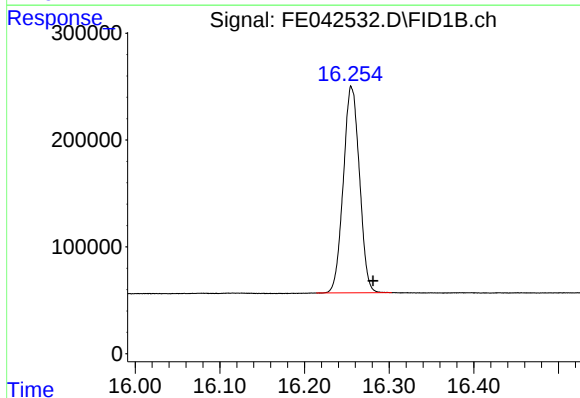
R.T.: 14.132 min
Delta R.T.: -0.025 min
Response: 2677957
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :



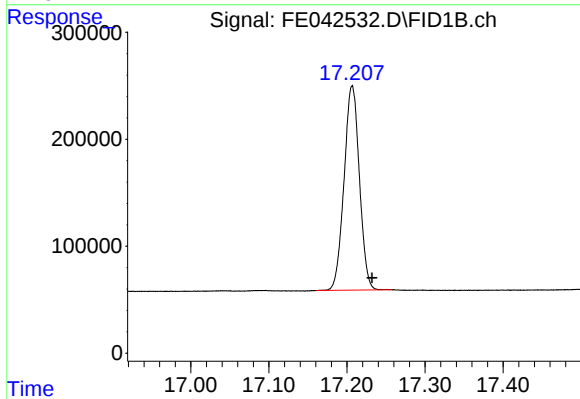
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.026 min
Response: 2596001
Conc: 17.98 ug/ml



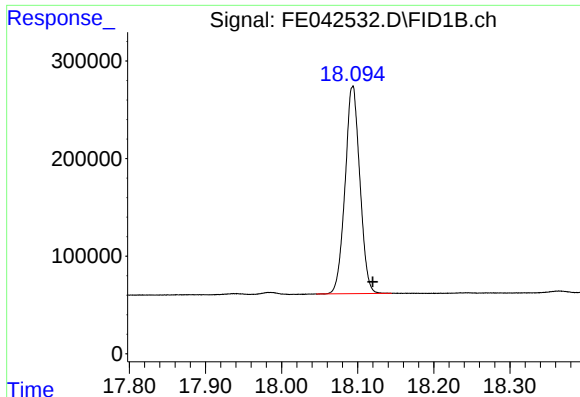
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.026 min
Response: 2562242
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

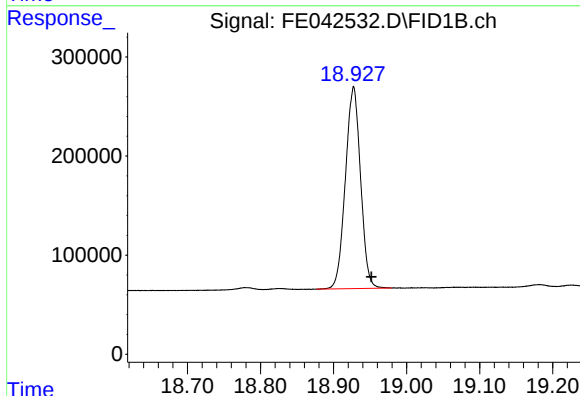
R.T.: 17.207 min
Delta R.T.: -0.026 min
Response: 2608859
Conc: 19.49 ug/ml



#17 n-Tricontane (C30)

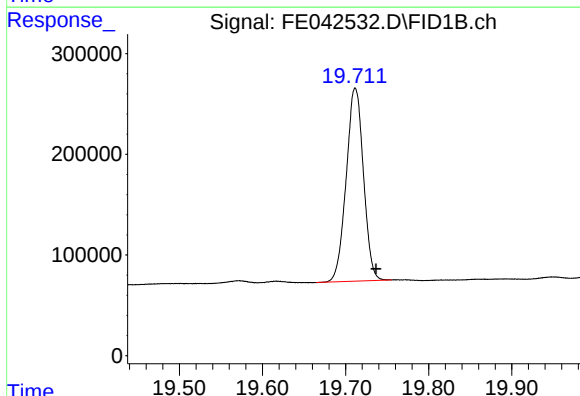
R.T.: 18.093 min
Delta R.T.: -0.026 min
Response: 2867981
Conc: 21.25 ug/ml

Instrument :
FID_E
ClientSampleId :



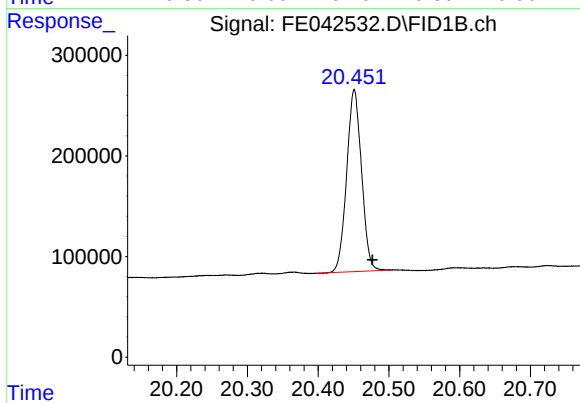
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.024 min
Response: 2935413
Conc: 21.97 ug/ml



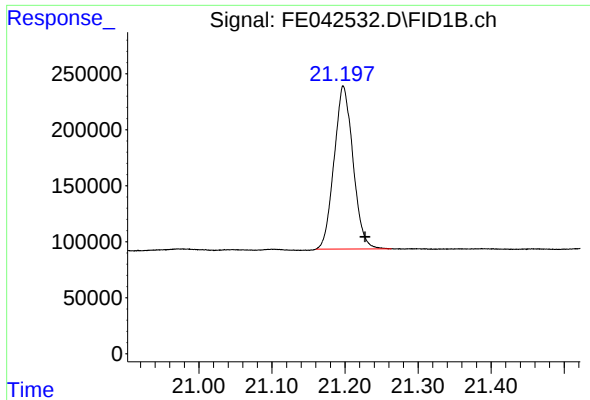
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.025 min
Response: 2766339
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

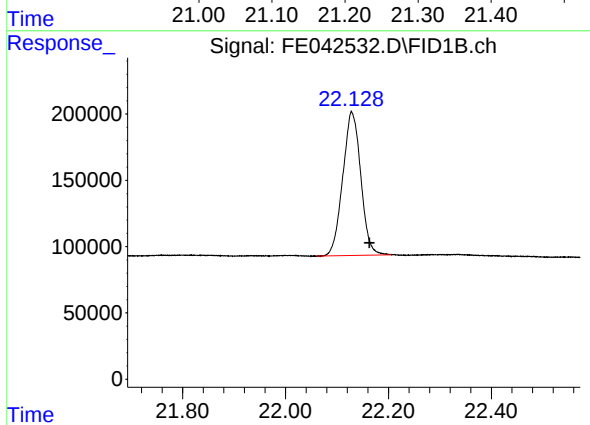
R.T.: 20.451 min
Delta R.T.: -0.026 min
Response: 2639008
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.030 min
Response: 2620277
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.035 min
Response: 2635272
Conc: 18.94 ug/ml