

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111623AL\
 Data File : FE045409.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 01:07
 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: autoint1.e
 Quant Time: Nov 17 01:49:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.873	3286921	17.216 ug/ml
Spiked Amount 50.000		Recovery =	34.43%
12) S 1-chlorooctadecane (S...	13.315	2382680	17.299 ug/ml
Spiked Amount 50.000		Recovery =	34.60%
Target Compounds			
1) T n-Nonane (C9)	3.262	2806326	16.988 ug/ml
2) T n-Decane (C10)	4.512	2870698	17.120 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3059821	17.142 ug/ml
4) T n-Dodecane (C12)	6.678	2884838	17.082 ug/ml
5) T A~2-methylnaphthalene...	7.307	2940259	17.123 ug/ml
6) T n-Tetradecane (C14)	8.505	2852760	17.117 ug/ml
7) T n-Hexadecane (C16)	10.114	2892160	17.194 ug/ml
8) T n-Octadecane (C18)	11.559	2885423	17.240 ug/ml
10) T n-Eicosane (C20)	12.871	2768334	17.476 ug/ml
11) T n-Heneicosane (C21)	13.484	2658984	17.293 ug/ml
13) T n-Docosane (C22)	14.070	2672723	17.640 ug/ml
14) T n-Tetracosane (C24)	15.175	2710092	18.298 ug/ml
15) T n-Hexacosane (C26)	16.198	2733344	18.753 ug/ml
16) T n-Octacosane (C28)	17.150	2855383	19.540 ug/ml
17) T n-Tricontane (C30)	18.039	3065257	20.180 ug/ml
18) T n-Dotriacontane (C32)	18.875	3175939	20.330 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2966223	18.997 ug/ml
20) T n-Hexatriacontane (C36)	20.402	2941268	18.120 ug/ml
21) T n-Octatriacontane (C38)	21.135	2948379	17.746 ug/ml
22) T n-Tetracontane (C40)	22.045	2750803	16.105 ug/ml

(f)=RT Delta > 1/2 Window

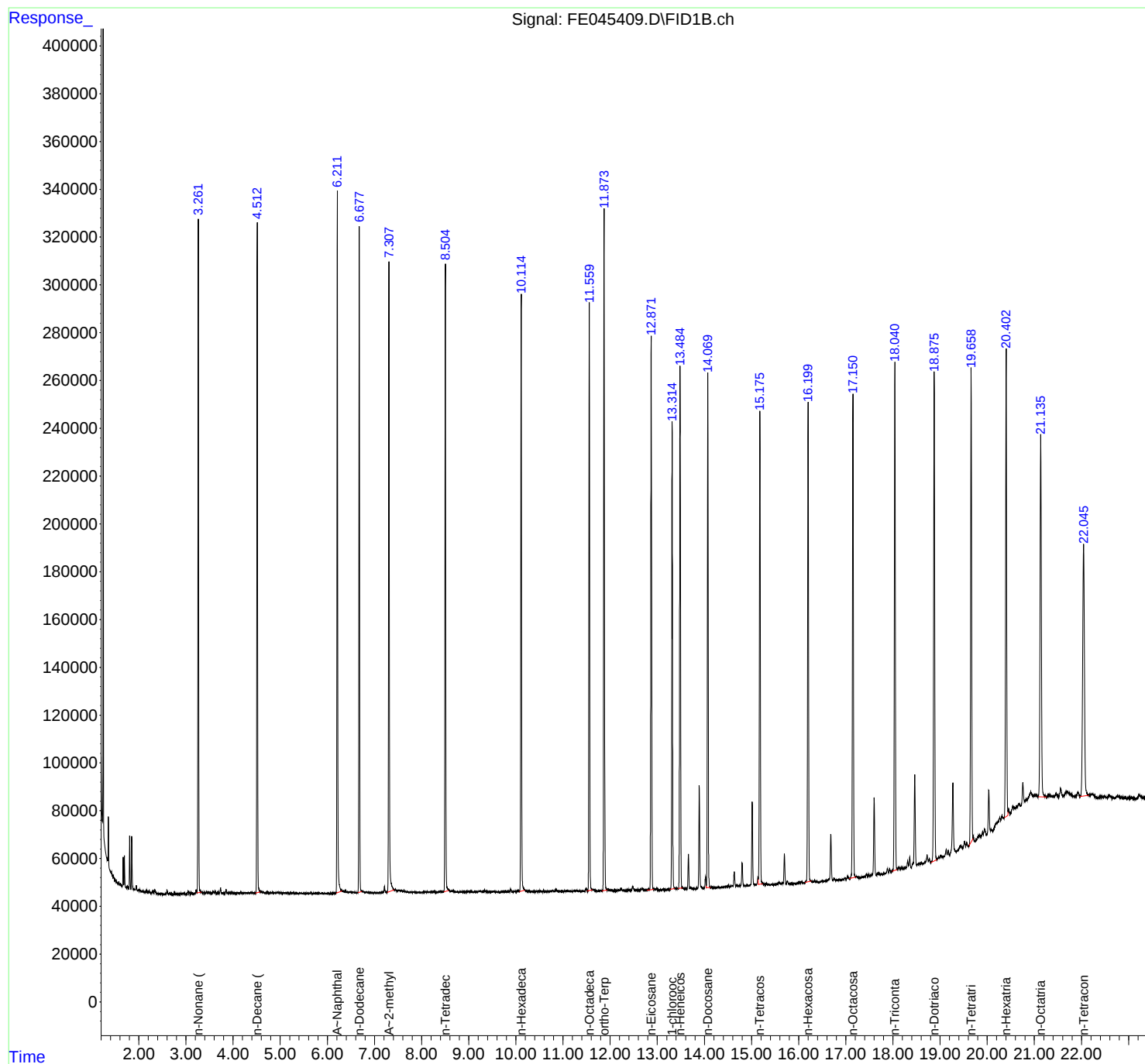
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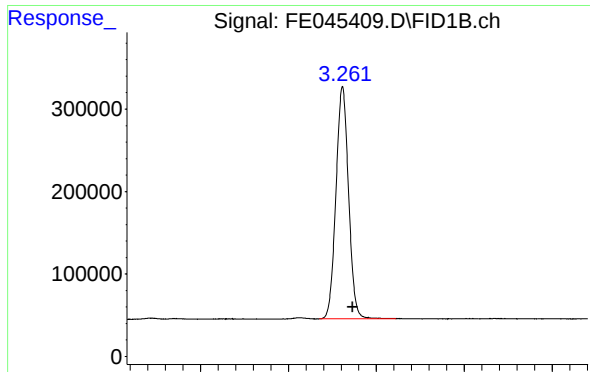
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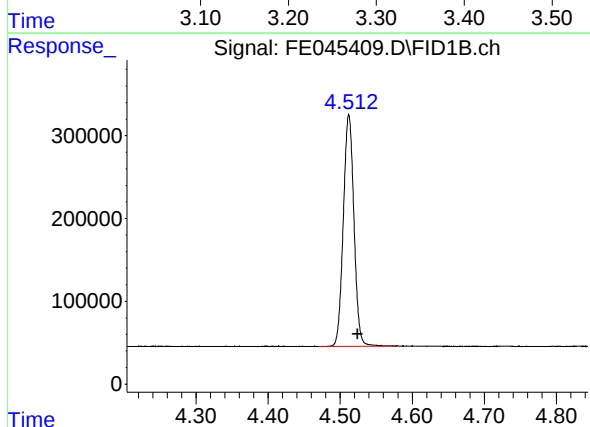




#1 n-Nonane (C9)

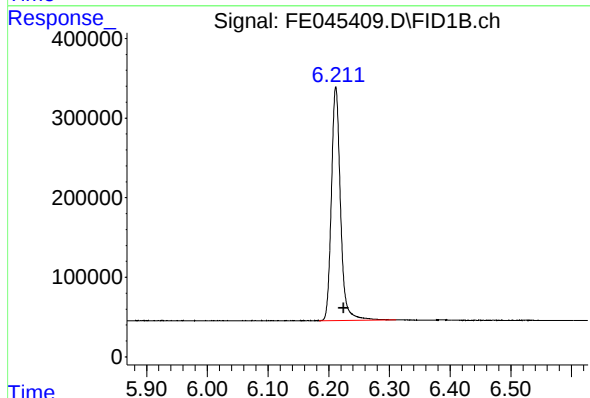
R.T.: 3.262 min
Delta R.T.: -0.011 min
Response: 2806326
Conc: 16.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



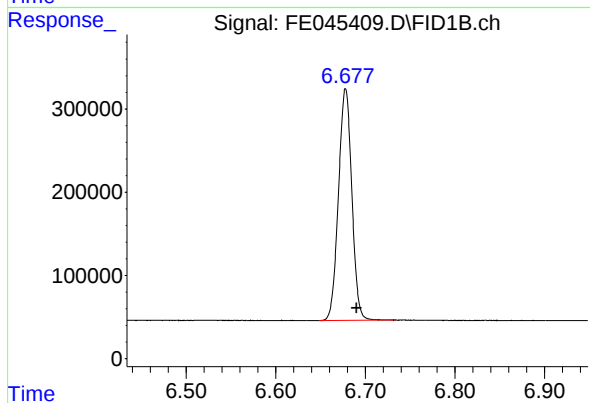
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.012 min
Response: 2870698
Conc: 17.12 ug/ml



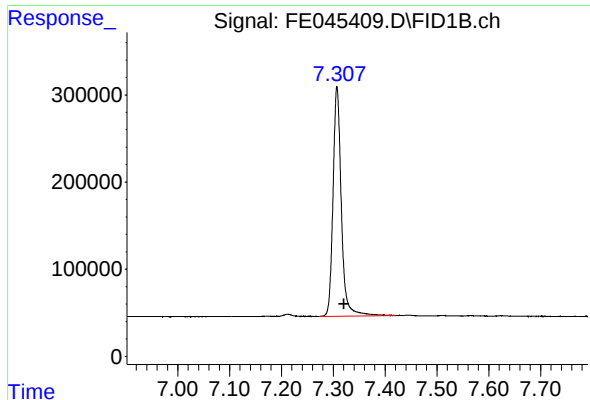
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.013 min
Response: 3059821
Conc: 17.14 ug/ml



#4 n-Dodecane (C12)

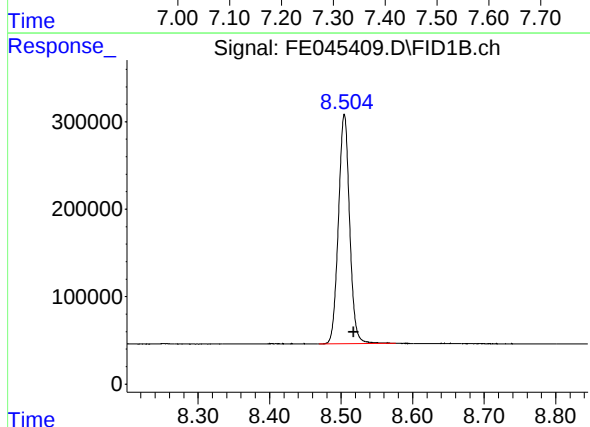
R.T.: 6.678 min
Delta R.T.: -0.012 min
Response: 2884838
Conc: 17.08 ug/ml



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

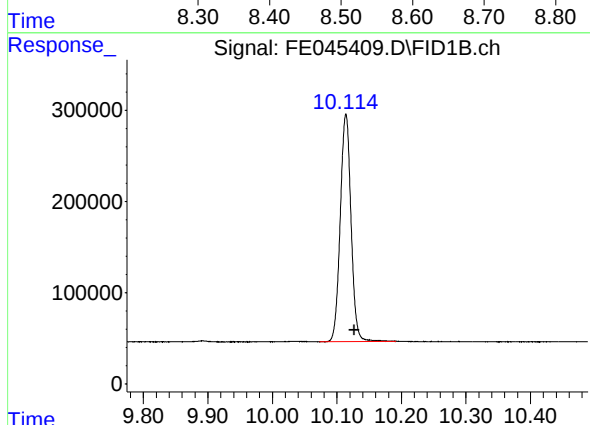
R.T.: 7.307 min
Delta R.T.: -0.013 min
Response: 2940259
Conc: 17.12 ug/ml

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20 PPM ALIPHATIC HC STD



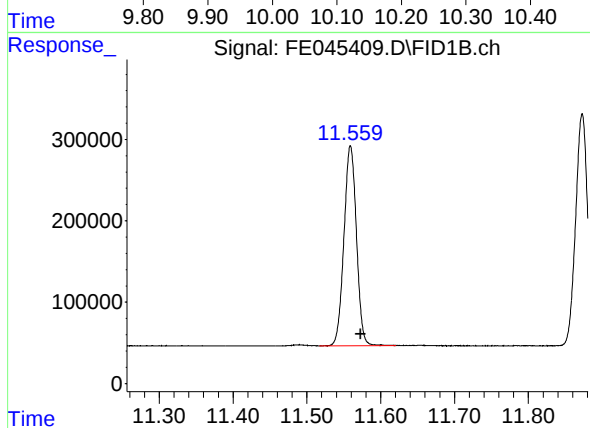
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.013 min
Response: 2852760
Conc: 17.12 ug/ml



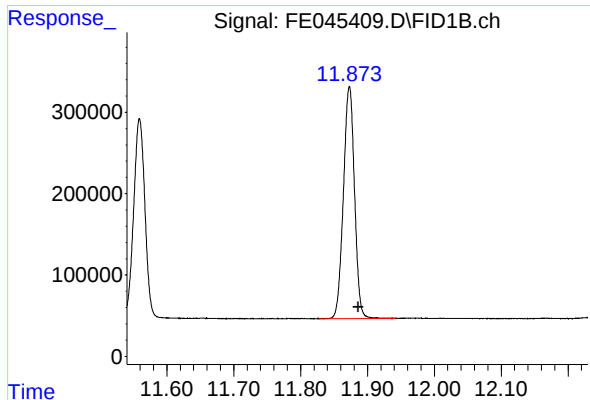
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.013 min
Response: 2892160
Conc: 17.19 ug/ml



#8 n-Octadecane (C18)

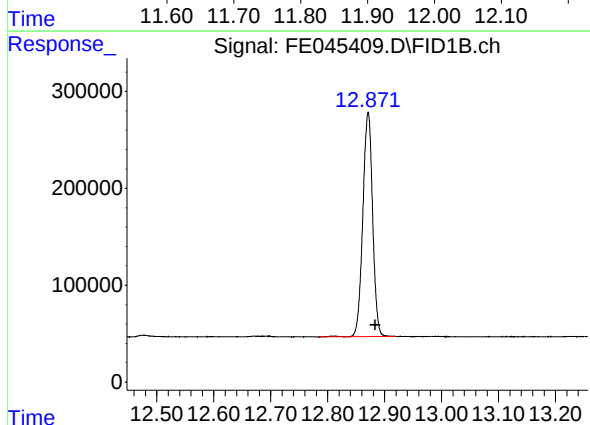
R.T.: 11.559 min
Delta R.T.: -0.014 min
Response: 2885423
Conc: 17.24 ug/ml



#9 ortho-Terphenyl (SURR)

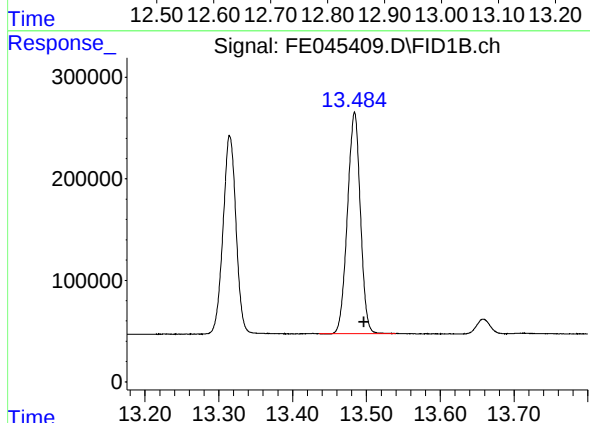
R.T.: 11.873 min
Delta R.T.: -0.014 min
Response: 3286921
Conc: 17.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



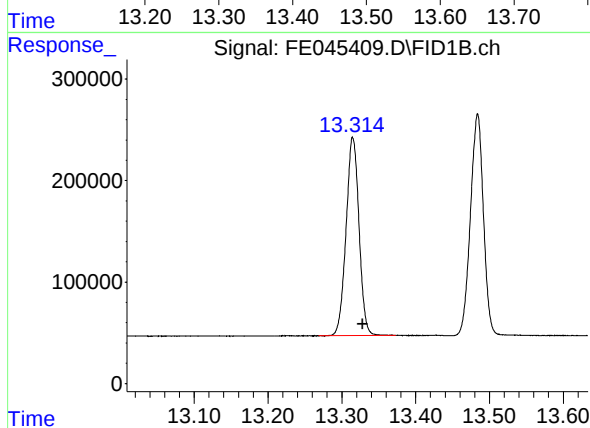
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.013 min
Response: 2768334
Conc: 17.48 ug/ml



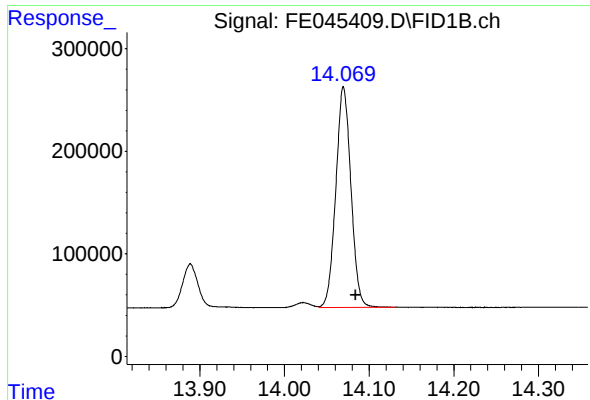
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: -0.013 min
Response: 2658984
Conc: 17.29 ug/ml



#12 1-chlorooctadecane (SURR)

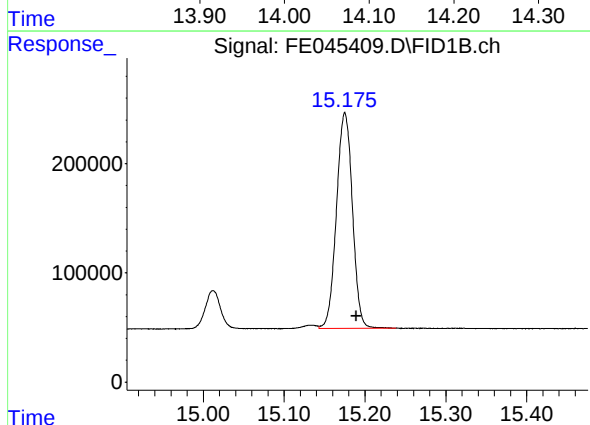
R.T.: 13.315 min
Delta R.T.: -0.013 min
Response: 2382680
Conc: 17.30 ug/ml



#13 n-Docosane (C22)

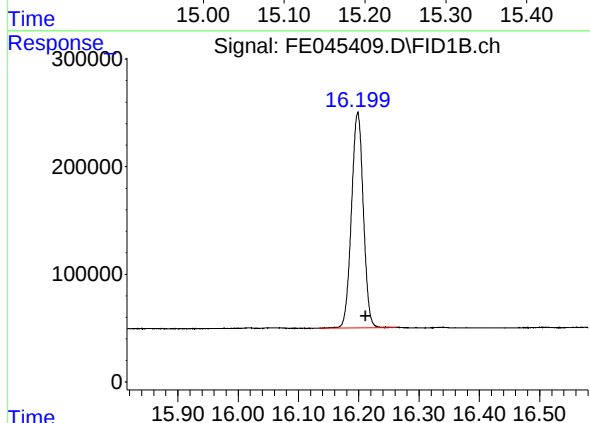
R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 2672723
Conc: 17.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



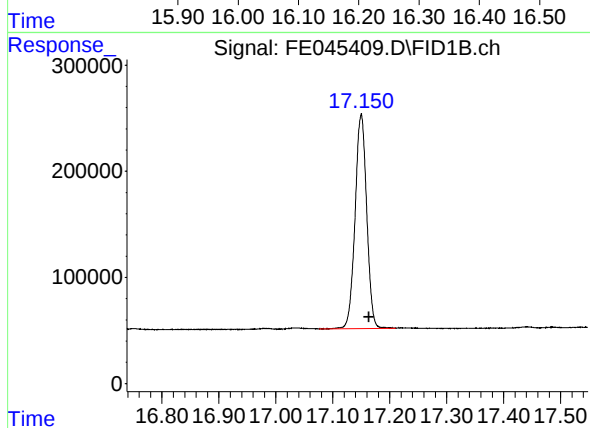
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.014 min
Response: 2710092
Conc: 18.30 ug/ml



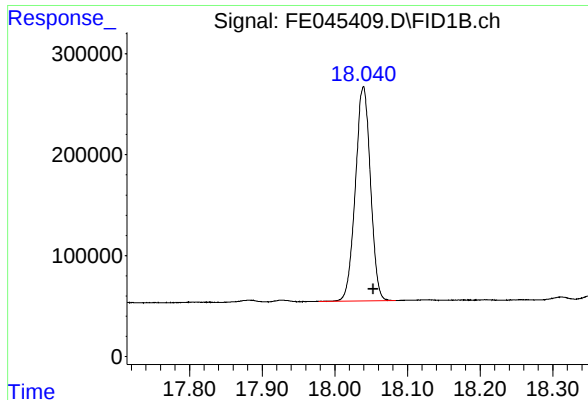
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.013 min
Response: 2733344
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

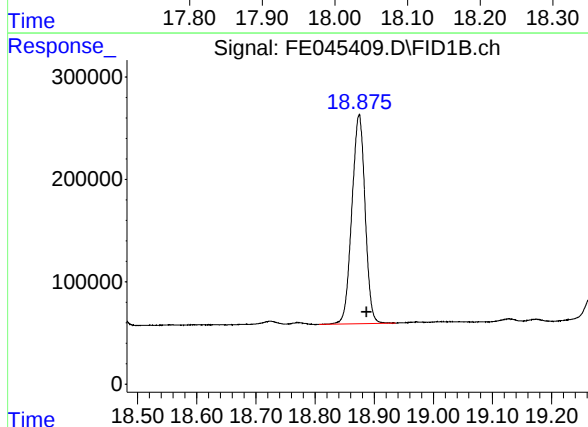
R.T.: 17.150 min
Delta R.T.: -0.014 min
Response: 2855383
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

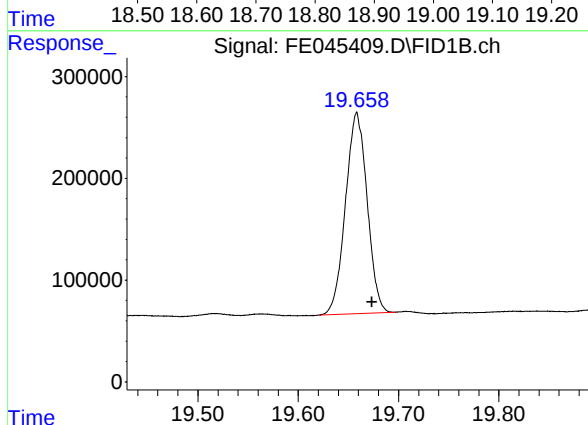
R.T.: 18.039 min
Delta R.T.: -0.013 min
Response: 3065257
Conc: 20.18 ug/ml

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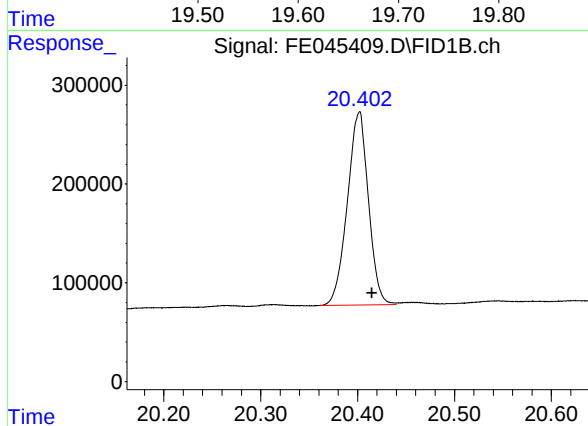
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.013 min
Response: 3175939
Conc: 20.33 ug/ml



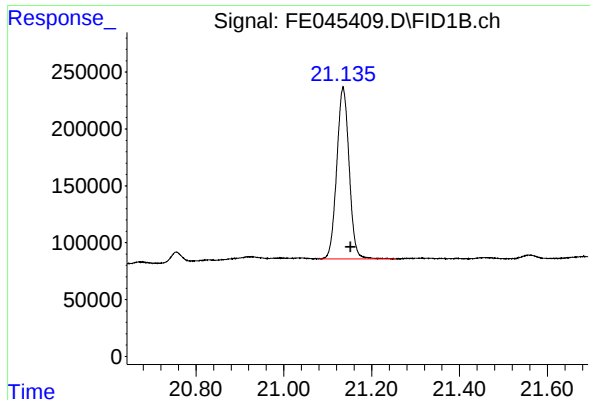
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.015 min
Response: 2966223
Conc: 19.00 ug/ml



#20 n-Hexatriacontane (C36)

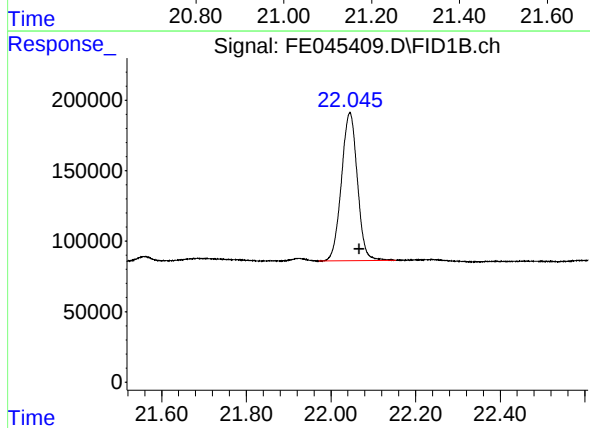
R.T.: 20.402 min
Delta R.T.: -0.013 min
Response: 2941268
Conc: 18.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.017 min
Response: 2948379
Conc: 17.75 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.023 min
Response: 2750803
Conc: 16.10 ug/ml