

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020723AL\
 Data File : FE040245.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2023 02:07
 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: Feb 08 02:33:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.894	3373522	20.842 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
12) S 1-chlorooctadecane (S...	13.332	2493049	20.101 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	3.289	2925558	21.495 ug/ml
2) T n-Decane (C10)	4.539	2852644	21.470 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3135498	21.424 ug/ml
4) T n-Dodecane (C12)	6.703	2887637	21.447 ug/ml
5) T A~2-methylnaphthalene...	7.335	2897950	21.410 ug/ml
6) T n-Tetradecane (C14)	8.528	2916324	21.161 ug/ml
7) T n-Hexadecane (C16)	10.136	3003134	20.925 ug/ml
8) T n-Octadecane (C18)	11.578	3090870	20.778 ug/ml
10) T n-Eicosane (C20)	12.888	3014750	20.506 ug/ml
11) T n-Heneicosane (C21)	13.499	3029441	20.540 ug/ml
13) T n-Docosane (C22)	14.086	2990009	20.180 ug/ml
14) T n-Tetracosane (C24)	15.190	2940390	19.370 ug/ml
15) T n-Hexacosane (C26)	16.211	2835608	19.127 ug/ml
16) T n-Octacosane (C28)	17.162	2742150	18.298 ug/ml
17) T n-Tricontane (C30)	18.050	2643791	17.918 ug/ml
18) T n-Dotriacontane (C32)	18.884	2588758	17.676 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2512571	18.267 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2375339	17.908 ug/ml
21) T n-Octatriacontane (C38)	21.139	2271245	17.507 ug/ml
22) T n-Tetracontane (C40)	22.037	2259440	17.018 ug/ml

(f)=RT Delta > 1/2 Window

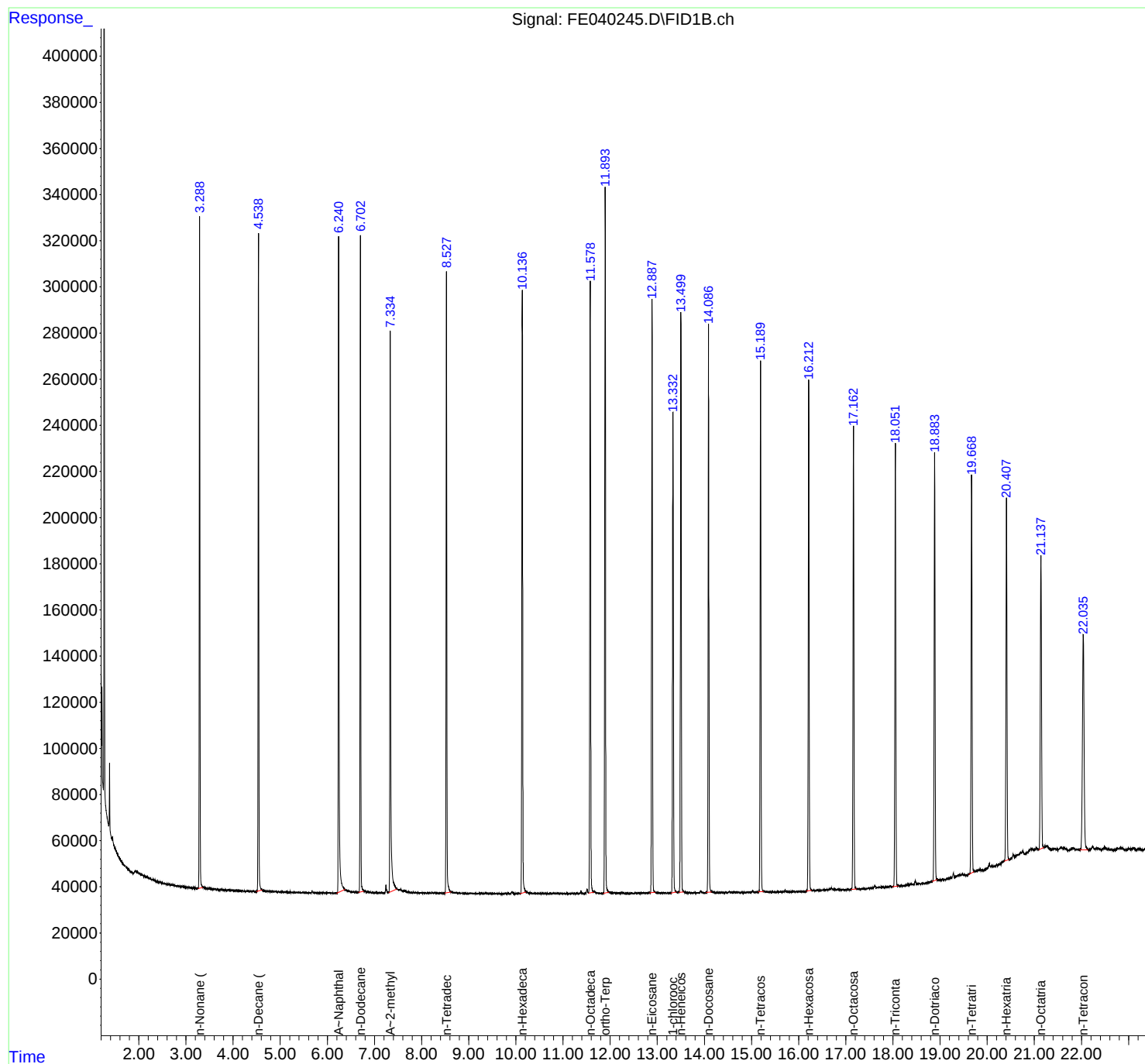
(m)=manual int.

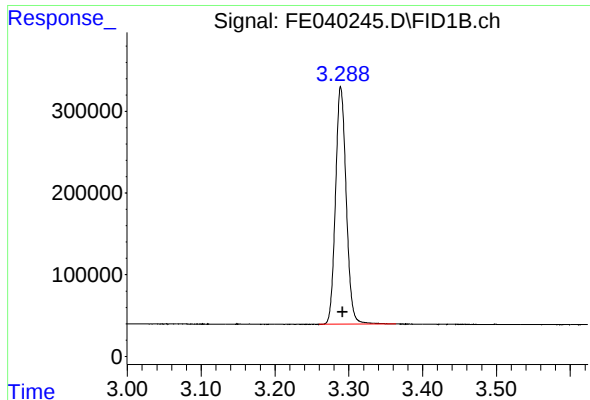
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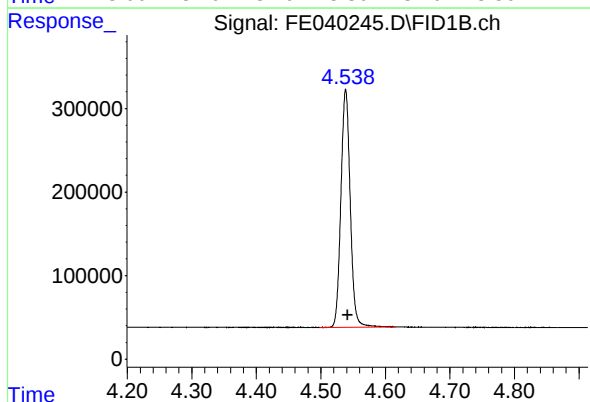




#1 n-Nonane (C9)

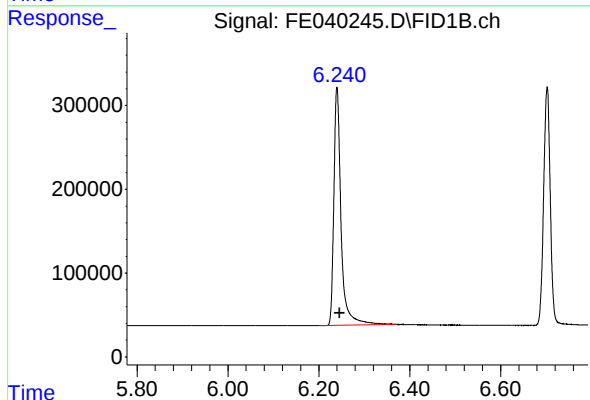
R.T.: 3.289 min
Delta R.T.: -0.003 min
Response: 2925558
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



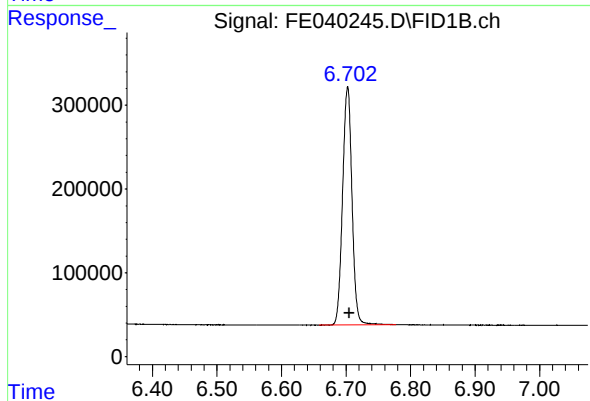
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.003 min
Response: 2852644
Conc: 21.47 ug/ml



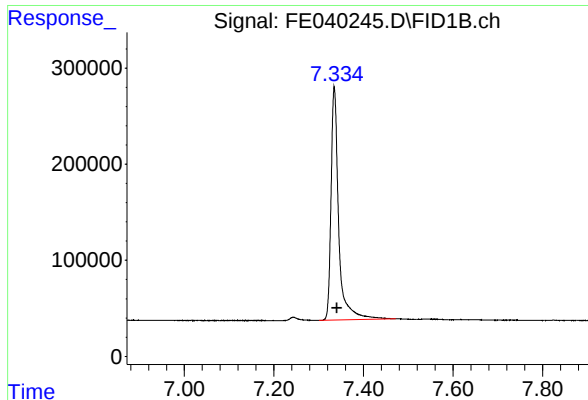
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 3135498
Conc: 21.42 ug/ml



#4 n-Dodecane (C12)

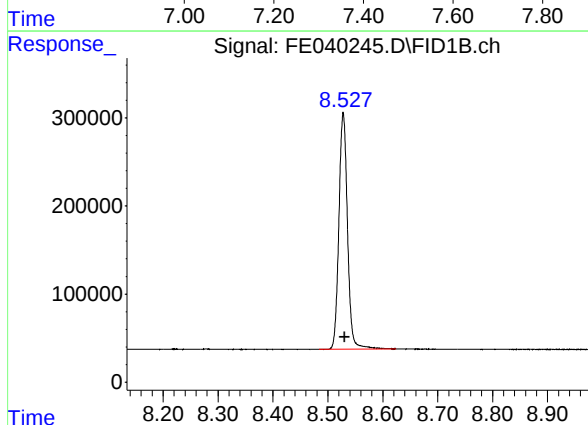
R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 2887637
Conc: 21.45 ug/ml



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

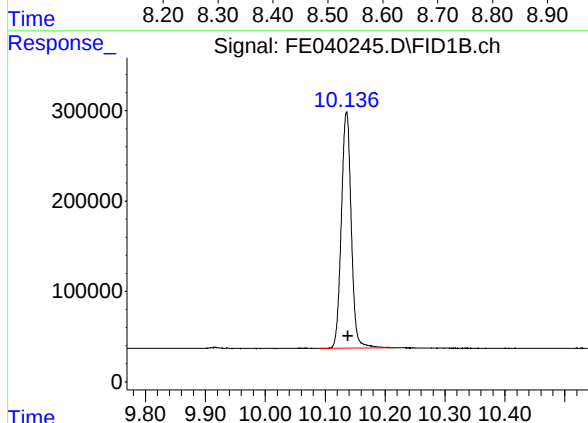
R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 2897950
Conc: 21.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



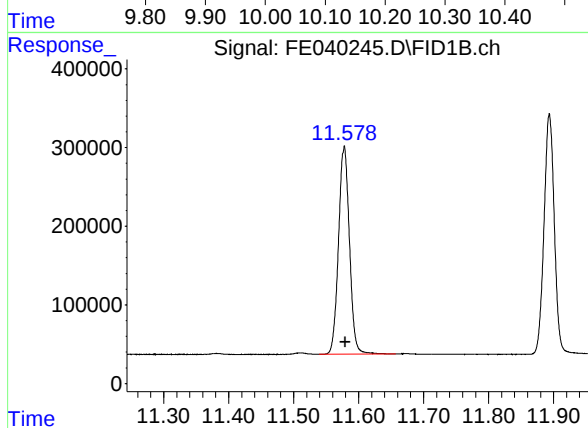
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2916324
Conc: 21.16 ug/ml



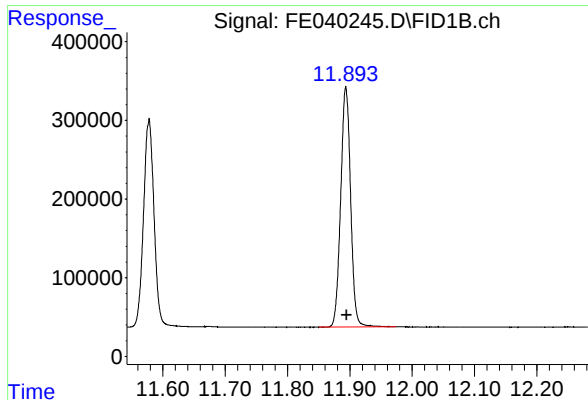
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 3003134
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

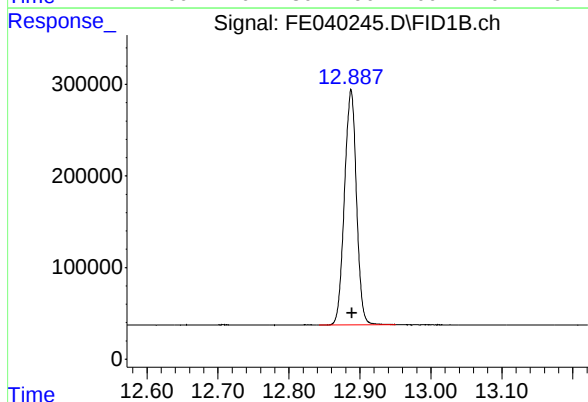
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 3090870
Conc: 20.78 ug/ml



#9 ortho-Terphenyl (SURR)

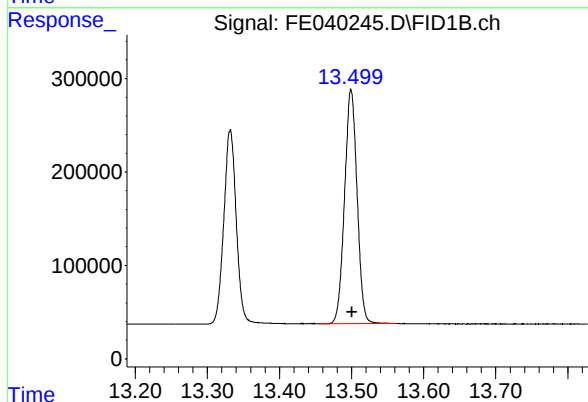
R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 3373522
Conc: 20.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



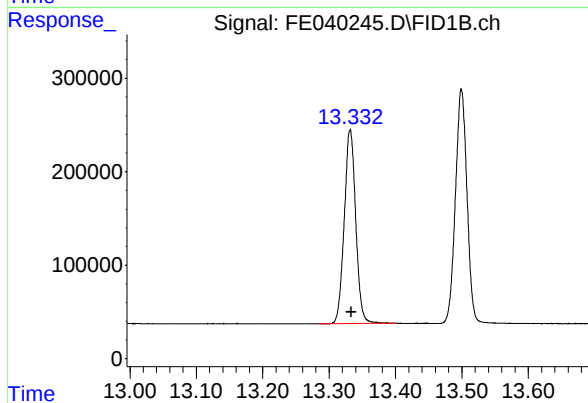
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 3014750
Conc: 20.51 ug/ml



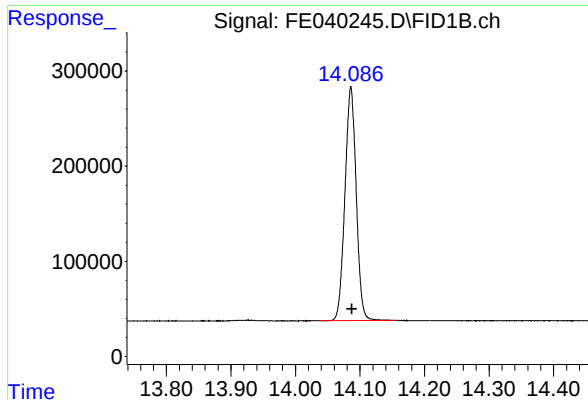
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.001 min
Response: 3029441
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

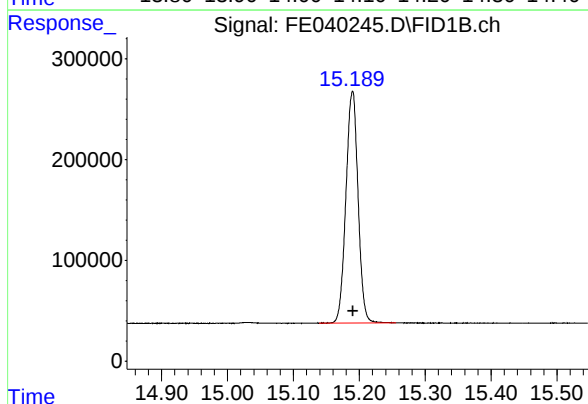
R.T.: 13.332 min
Delta R.T.: -0.002 min
Response: 2493049
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

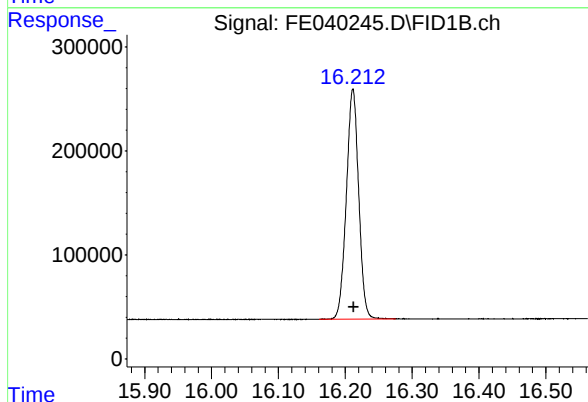
R.T.: 14.086 min
Delta R.T.: -0.002 min
Response: 2990009
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



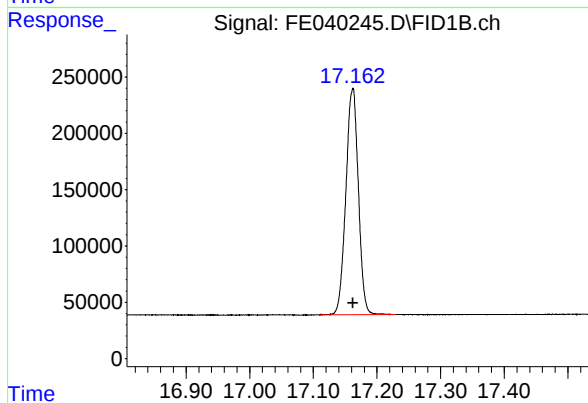
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 2940390
Conc: 19.37 ug/ml



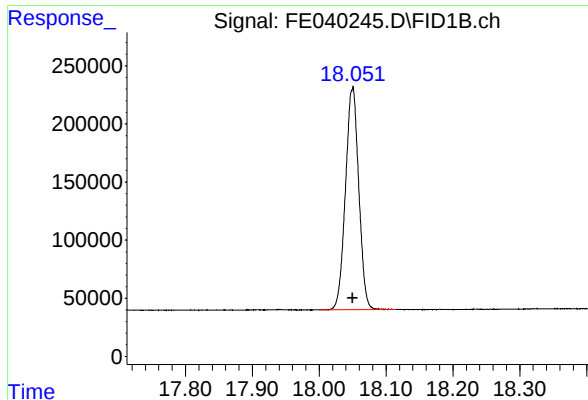
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.001 min
Response: 2835608
Conc: 19.13 ug/ml



#16 n-Octacosane (C28)

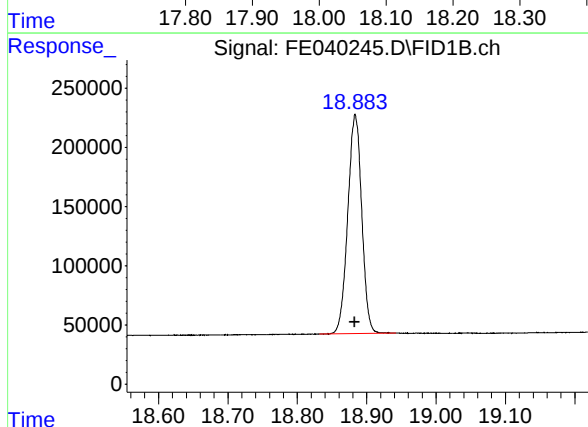
R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 2742150
Conc: 18.30 ug/ml



#17 n-Tricontane (C30)

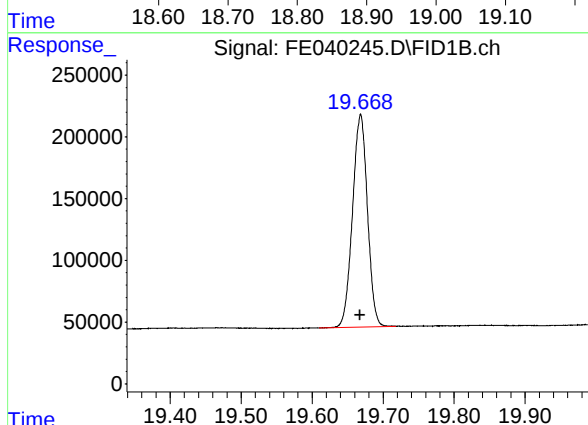
R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 2643791
Conc: 17.92 ug/ml

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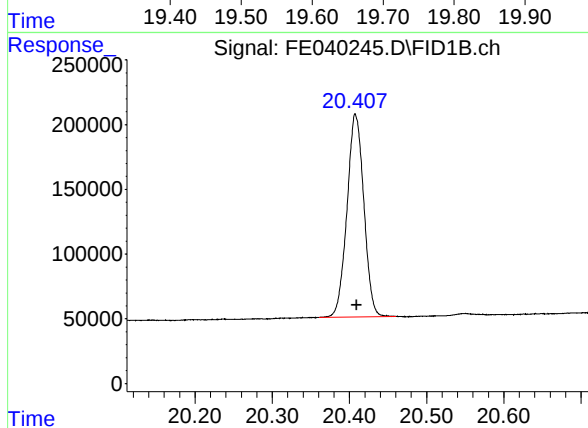
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.000 min
Response: 2588758
Conc: 17.68 ug/ml



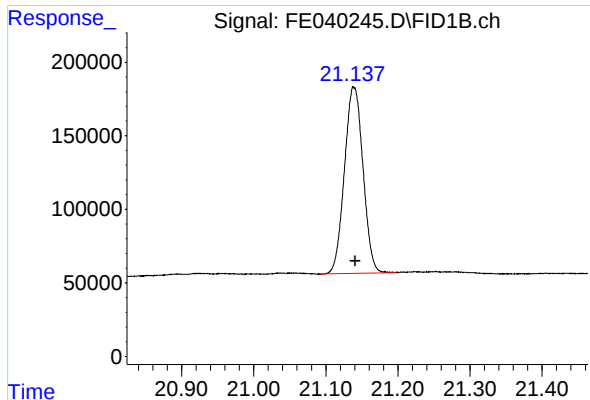
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 2512571
Conc: 18.27 ug/ml



#20 n-Hexatriacontane (C36)

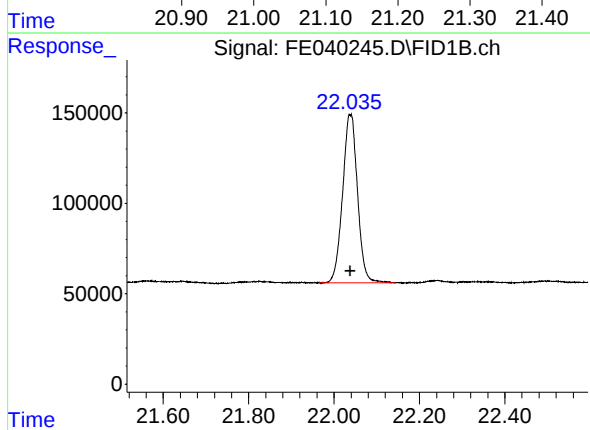
R.T.: 20.408 min
Delta R.T.: -0.001 min
Response: 2375339
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.002 min
Response: 2271245
Conc: 17.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.001 min
Response: 2259440
Conc: 17.02 ug/ml