

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111324AL\
 Data File : FE051197.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2024 13:17
 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 14 04:05:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.847	3074815	20.486 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	13.280	2341889	20.628 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
Target Compounds			
1) T n-Nonane (C9)	3.238	2915817	21.073 ug/ml
2) T n-Decane (C10)	4.487	2985529	21.298 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2798417	21.224 ug/ml
4) T n-Dodecane (C12)	6.655	2982424	21.122 ug/ml
5) T A~2-methylnaphthalene...	7.296	2601006	20.792 ug/ml
6) T n-Tetradecane (C14)	8.481	2908123	20.867 ug/ml
7) T n-Hexadecane (C16)	10.086	2944387	20.749 ug/ml
8) T n-Octadecane (C18)	11.527	2950327	20.660 ug/ml
10) T n-Eicosane (C20)	12.834	2819417	20.601 ug/ml
11) T n-Heneicosane (C21)	13.446	2754090	20.608 ug/ml
13) T n-Docosane (C22)	14.030	2797068	21.038 ug/ml
14) T n-Tetracosane (C24)	15.132	2849829	21.483 ug/ml
15) T n-Hexacosane (C26)	16.151	2877714	21.496 ug/ml
16) T n-Octacosane (C28)	17.099	2975718	21.827 ug/ml
17) T n-Tricontane (C30)	17.986	3182041	21.902 ug/ml
18) T n-Dotriacontane (C32)	18.818	3266150	21.997 ug/ml
19) T n-Tetratriacontane (C34)	19.600	2937206	21.860 ug/ml
20) T n-Hexatriacontane (C36)	20.338	2576447	21.593 ug/ml
21) T n-Octatriacontane (C38)	21.059	2334990	20.515 ug/ml
22) T n-Tetracontane (C40)	21.940	2140596	19.246 ug/ml

(f)=RT Delta > 1/2 Window

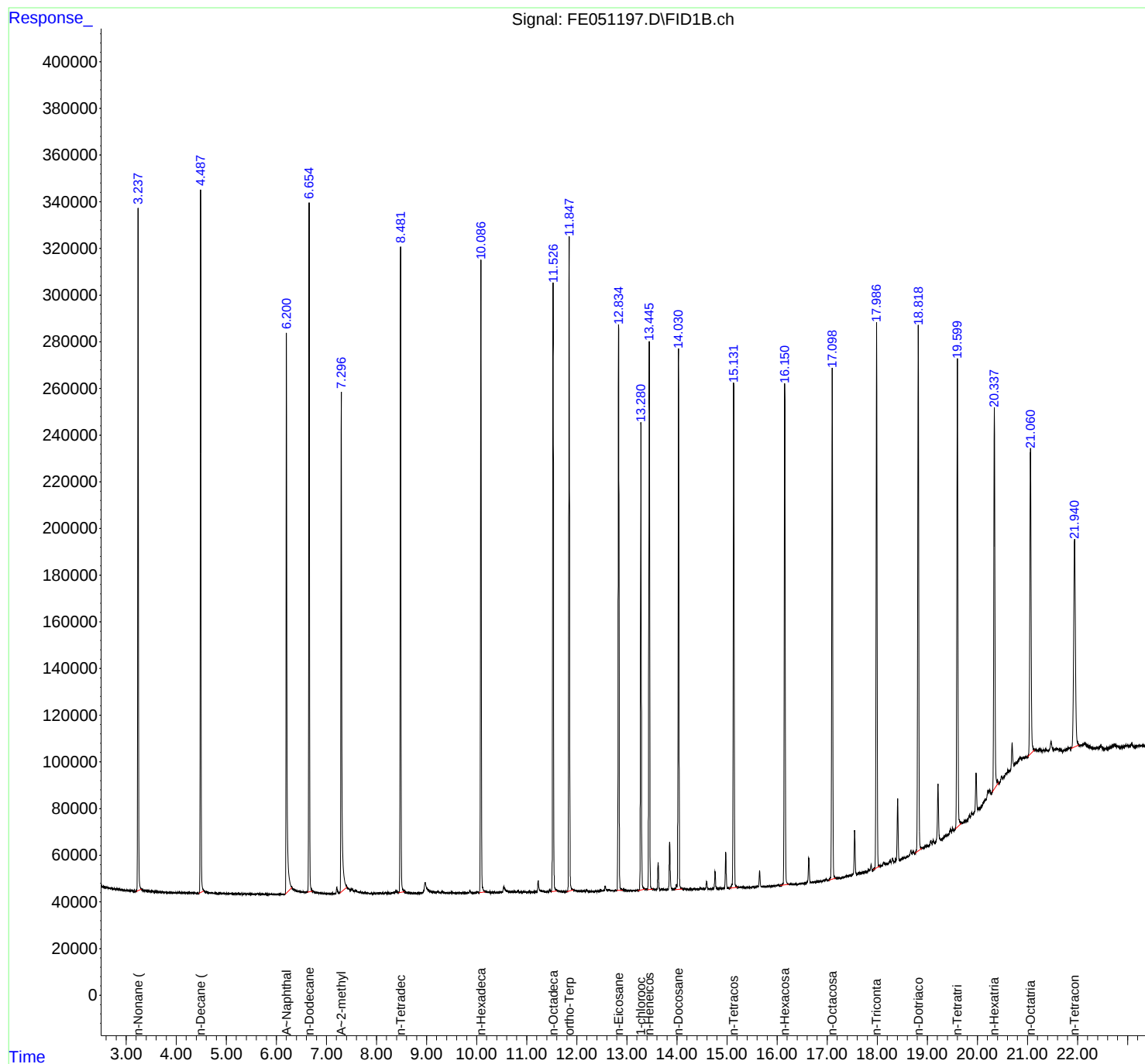
(m)=manual int.

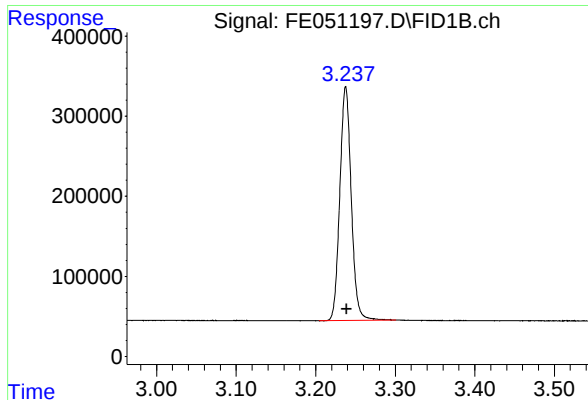
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111324AL\
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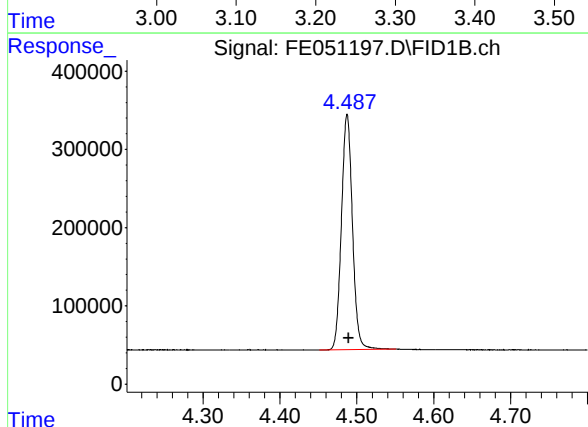




#1 n-Nonane (C9)

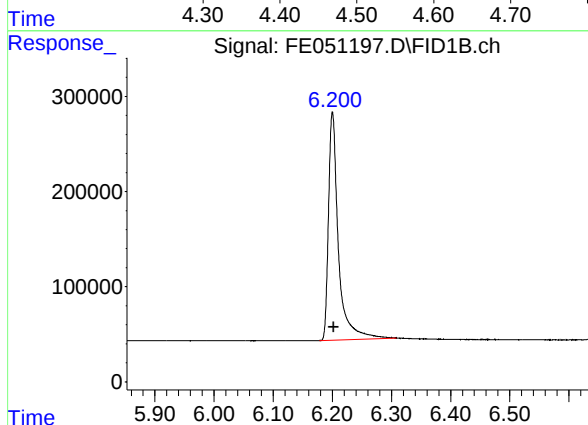
R.T.: 3.238 min
Delta R.T.: -0.001 min
Response: 2915817
Conc: 21.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



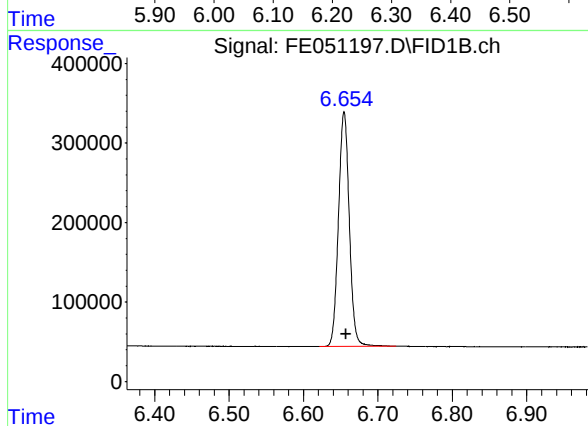
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 2985529
Conc: 21.30 ug/ml



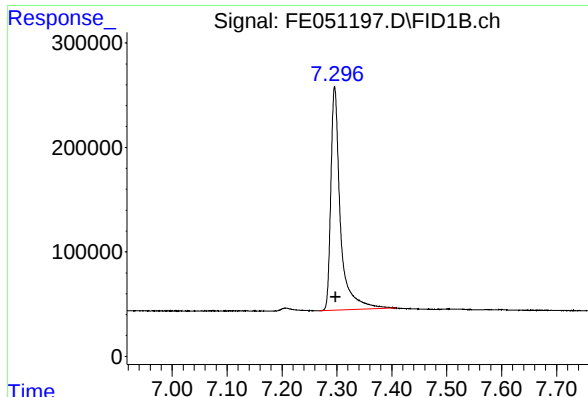
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 2798417
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

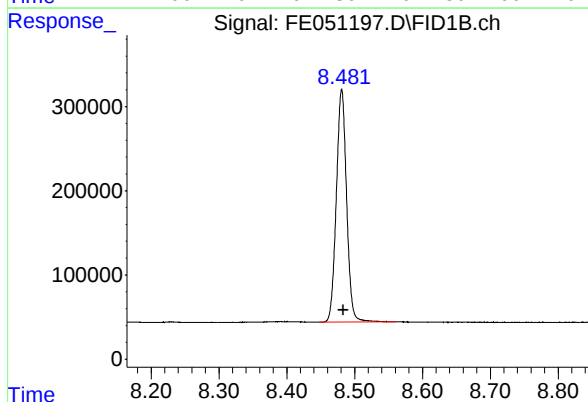
R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 2982424
Conc: 21.12 ug/ml



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

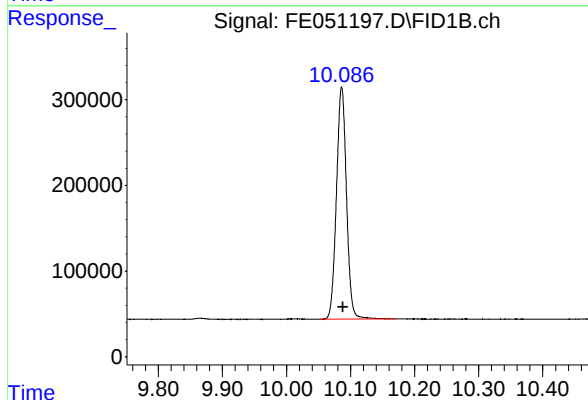
R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 2601006
Conc: 20.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



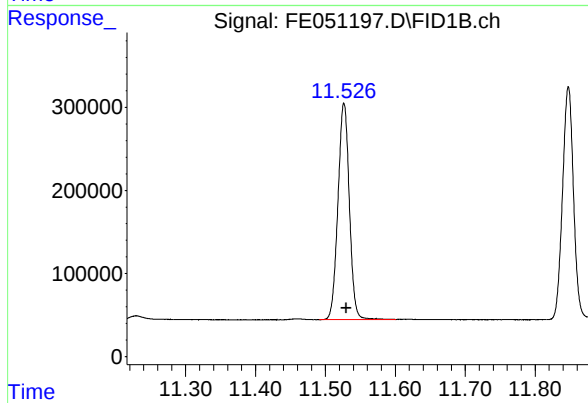
#6 n-Tetradecane (C14)

R.T.: 8.481 min
Delta R.T.: -0.002 min
Response: 2908123
Conc: 20.87 ug/ml



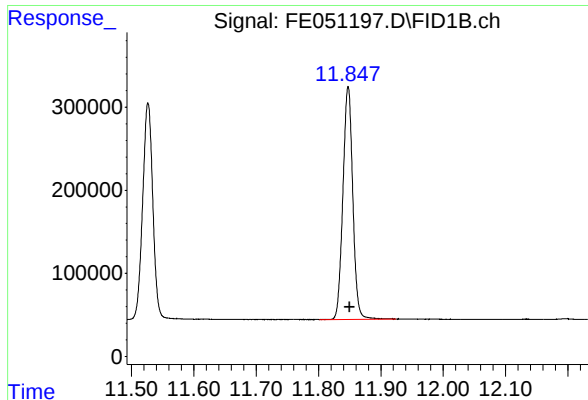
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.002 min
Response: 2944387
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

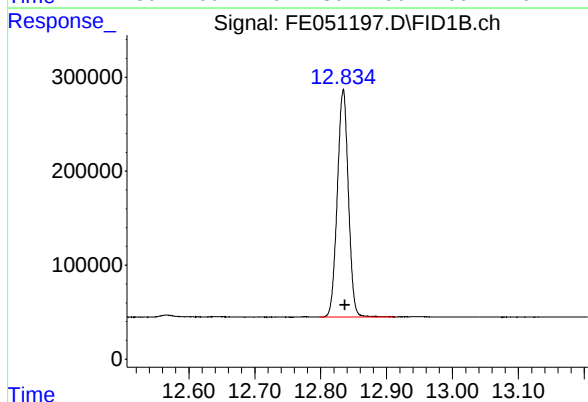
R.T.: 11.527 min
Delta R.T.: -0.003 min
Response: 2950327
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

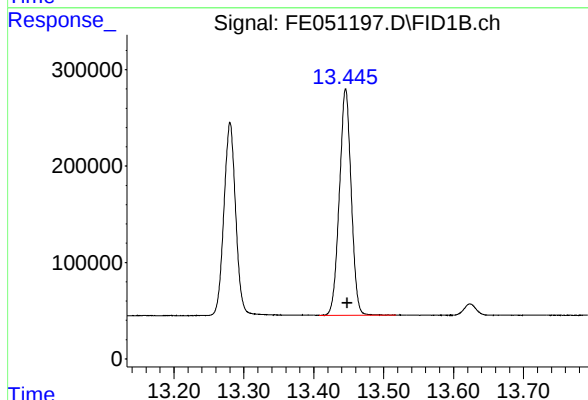
R.T.: 11.847 min
Delta R.T.: -0.003 min
Response: 3074815
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



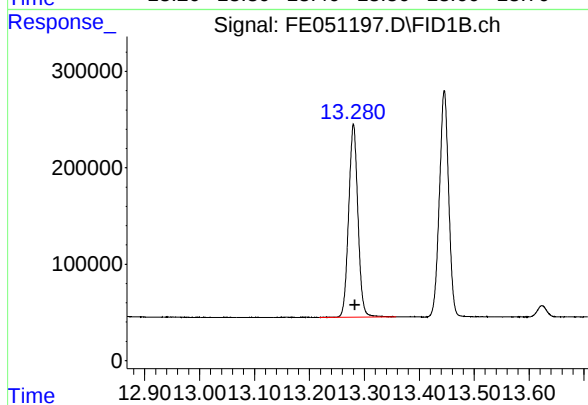
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.003 min
Response: 2819417
Conc: 20.60 ug/ml



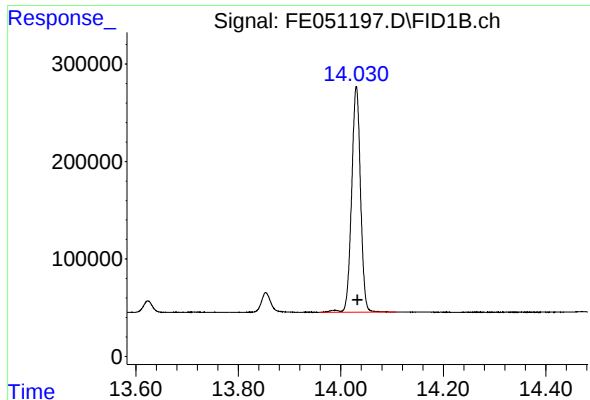
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.002 min
Response: 2754090
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

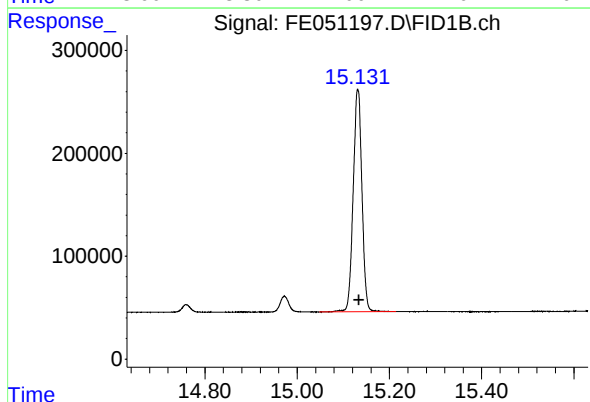
R.T.: 13.280 min
Delta R.T.: -0.003 min
Response: 2341889
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

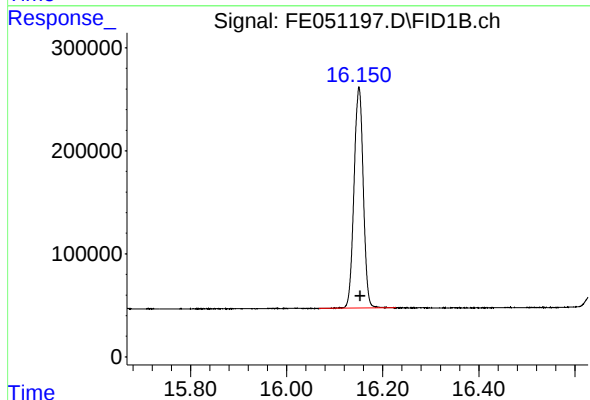
R.T.: 14.030 min
Delta R.T.: -0.003 min
Response: 2797068
Conc: 21.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



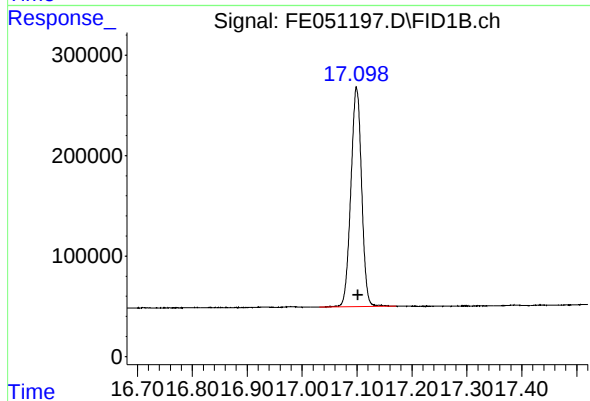
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.003 min
Response: 2849829
Conc: 21.48 ug/ml



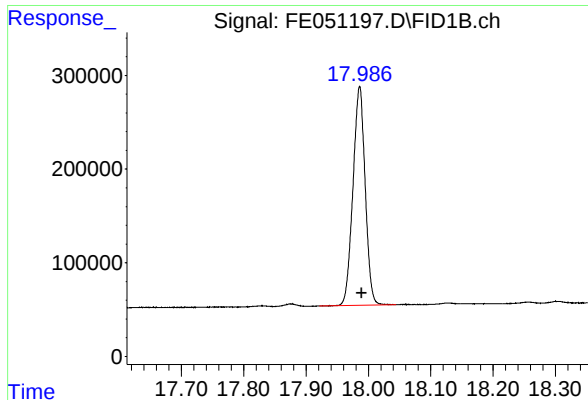
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.003 min
Response: 2877714
Conc: 21.50 ug/ml



#16 n-Octacosane (C28)

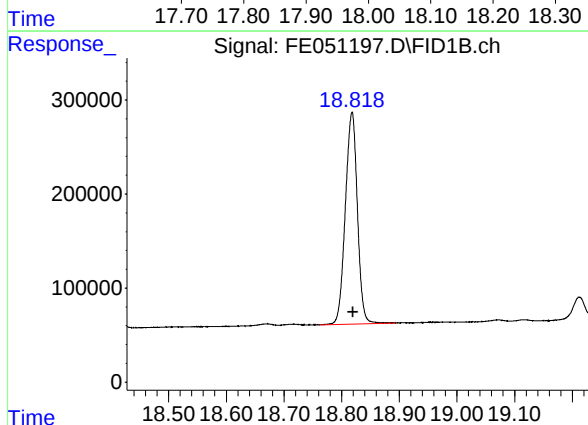
R.T.: 17.099 min
Delta R.T.: -0.003 min
Response: 2975718
Conc: 21.83 ug/ml



#17 n-Tricontane (C30)

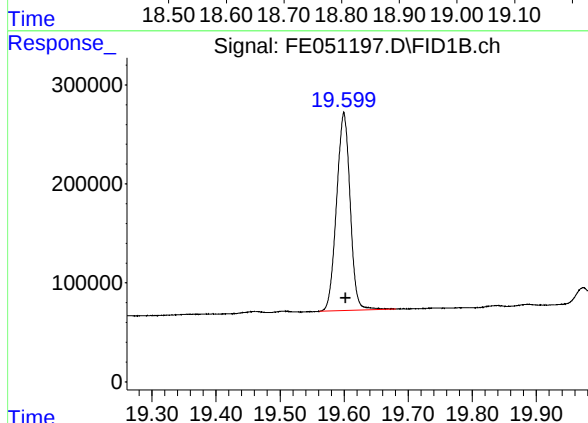
R.T.: 17.986 min
Delta R.T.: -0.003 min
Response: 3182041
Conc: 21.90 ug/ml

Instrument :
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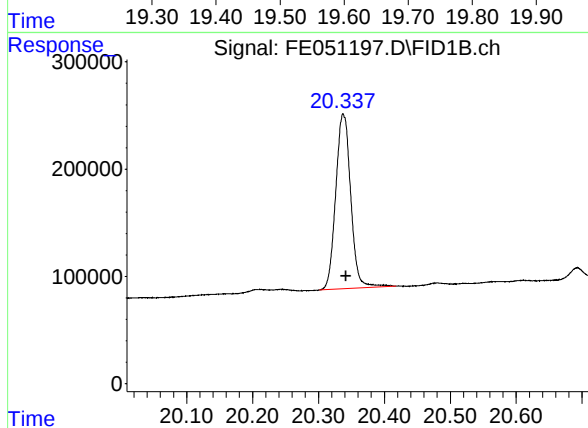
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: -0.002 min
Response: 3266150
Conc: 22.00 ug/ml



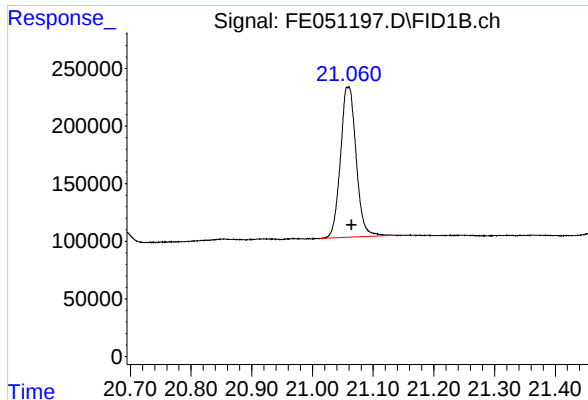
#19 n-Tetatriacontane (C34)

R.T.: 19.600 min
Delta R.T.: -0.003 min
Response: 2937206
Conc: 21.86 ug/ml



#20 n-Hexatriacontane (C36)

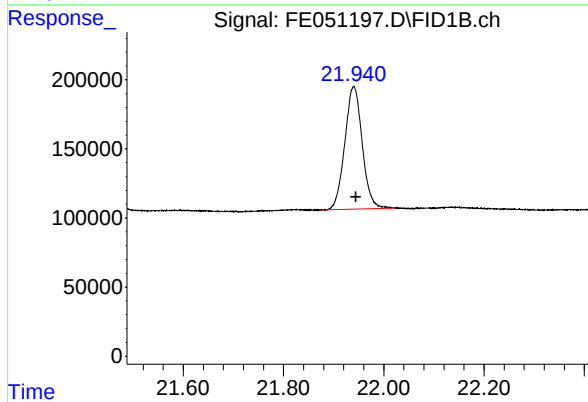
R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 2576447
Conc: 21.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.006 min
Response: 2334990
Conc: 20.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: -0.005 min
Response: 2140596
Conc: 19.25 ug/ml