

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060623AL\
 Data File : FE042416.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2023 09:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 07 05:08:05 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)	11.953	3195010	18.094 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	13.389	2346933	17.662 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T n-Nonane (C9)	3.331	2648483	18.367 ug/ml
2) T n-Decane (C10)	4.584	2759042	18.638 ug/ml
3) T A~Naphthalene (C11.7)	6.292	2964085	18.167 ug/ml
4) T n-Dodecane (C12)	6.752	2783153	18.560 ug/ml
5) T A~2-methylnaphthalene...	7.390	2849978	17.958 ug/ml
6) T n-Tetradecane (C14)	8.581	2748367	18.346 ug/ml
7) T n-Hexadecane (C16)	10.188	2842280	18.247 ug/ml
8) T n-Octadecane (C18)	11.634	2865374	18.120 ug/ml
10) T n-Eicosane (C20)	12.944	2726605	17.988 ug/ml
11) T n-Heneicosane (C21)	13.557	2658780	17.946 ug/ml
13) T n-Docosane (C22)	14.142	2619650	17.870 ug/ml
14) T n-Tetracosane (C24)	15.246	2572521	17.821 ug/ml
15) T n-Hexacosane (C26)	16.267	2514202	18.153 ug/ml
16) T n-Octacosane (C28)	17.217	2521673	18.835 ug/ml
17) T n-Tricontane (C30)	18.106	2696759	19.977 ug/ml
18) T n-Dotriacontane (C32)	18.938	2719355	20.356 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2615468	19.888 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2517279	19.368 ug/ml
21) T n-Octatriacontane (C38)	21.212	2552052	18.810 ug/ml
22) T n-Tetracontane (C40)	22.147	2566278	18.447 ug/ml

(f)=RT Delta > 1/2 Window

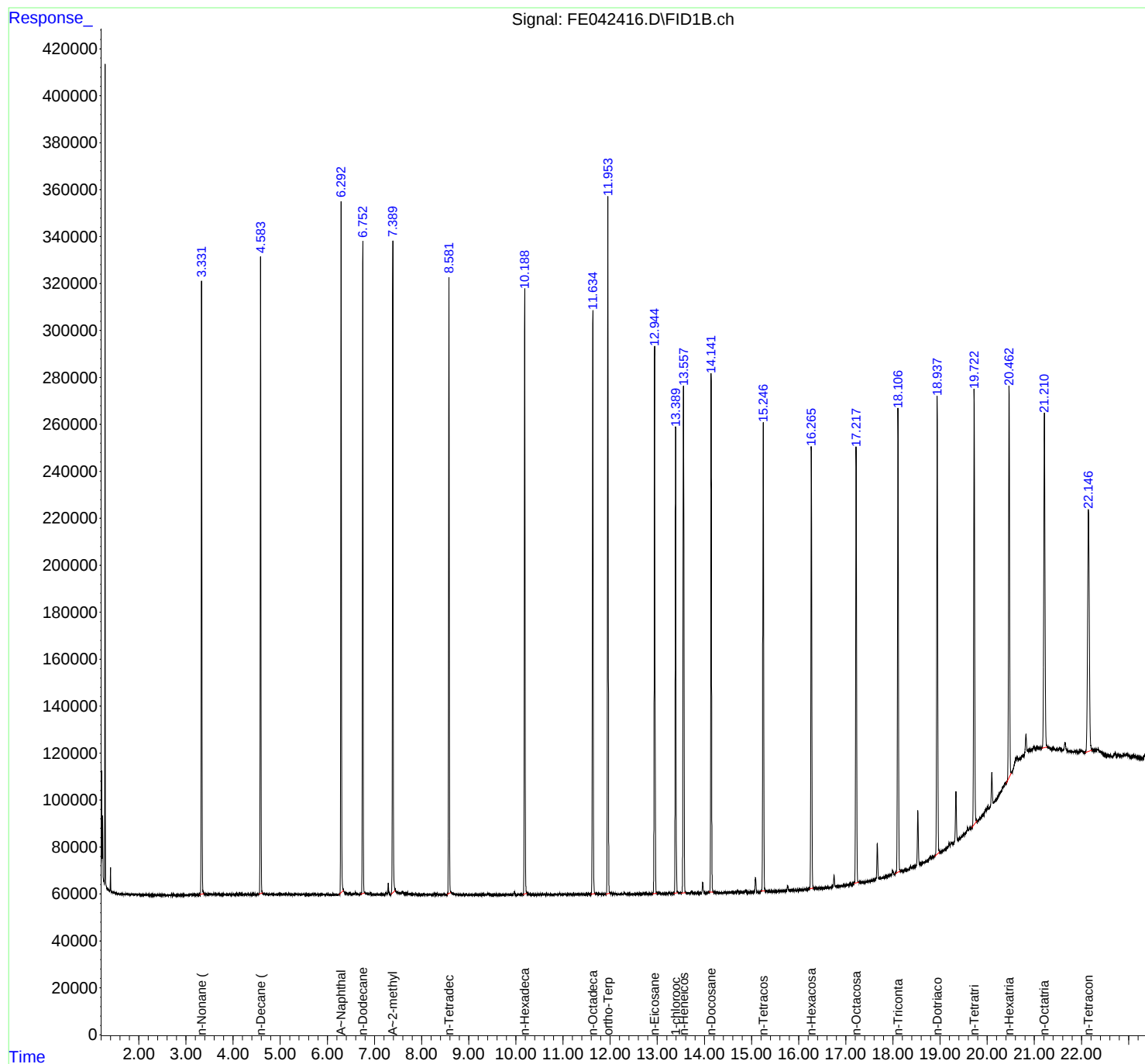
(m)=manual int.

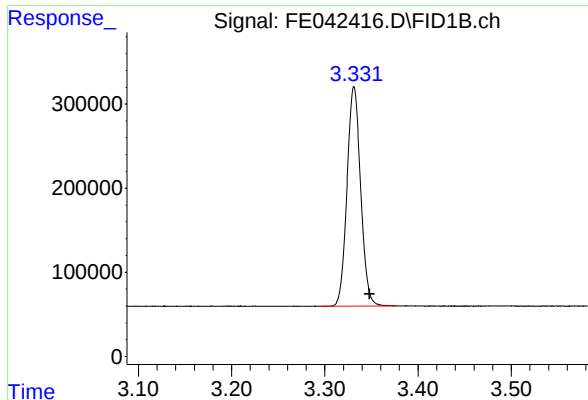
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060623AL\
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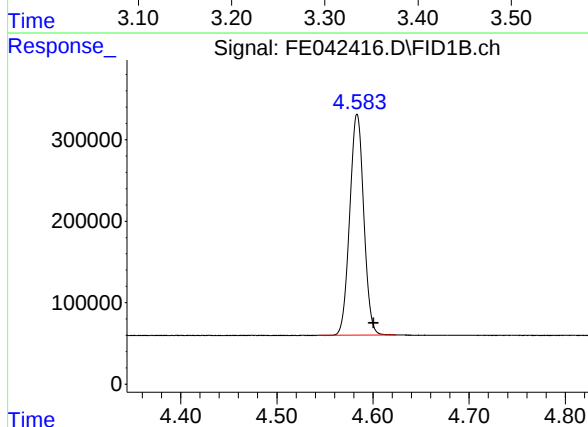




#1 n-Nonane (C9)

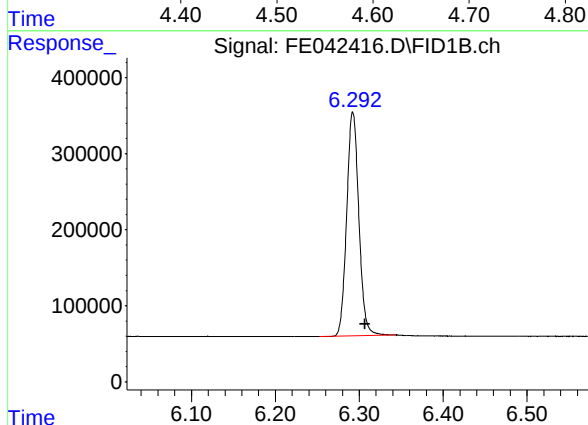
R.T.: 3.331 min
Delta R.T.: -0.017 min
Response: 2648483
Conc: 18.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



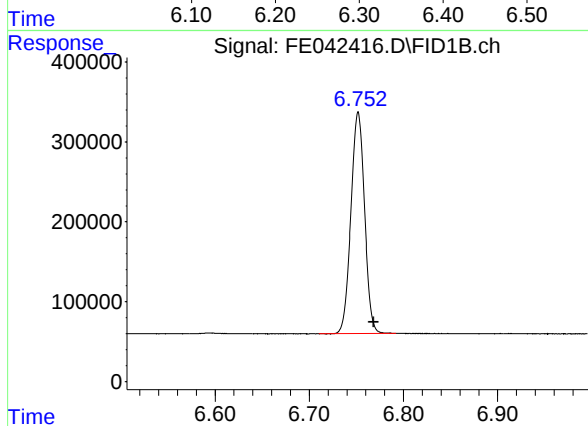
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.017 min
Response: 2759042
Conc: 18.64 ug/ml



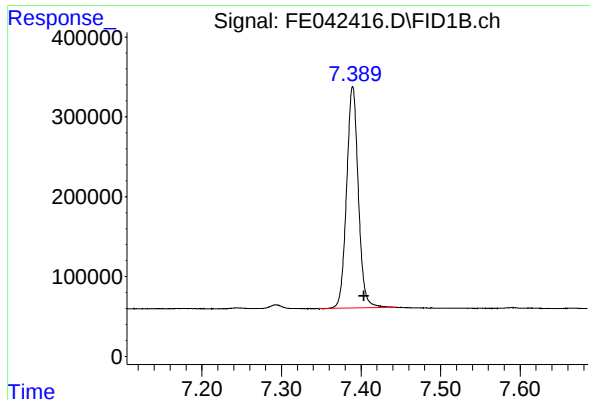
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.014 min
Response: 2964085
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

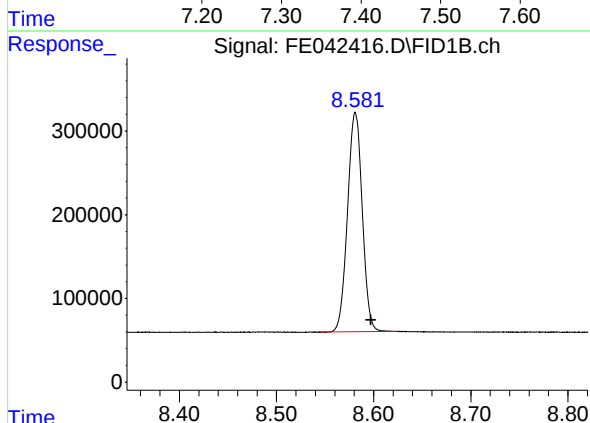
R.T.: 6.752 min
Delta R.T.: -0.016 min
Response: 2783153
Conc: 18.56 ug/ml



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

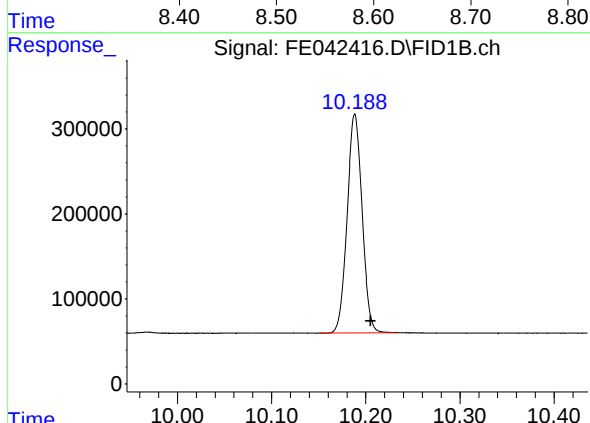
R.T.: 7.390 min
Delta R.T.: -0.014 min
Response: 2849978
Conc: 17.96 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



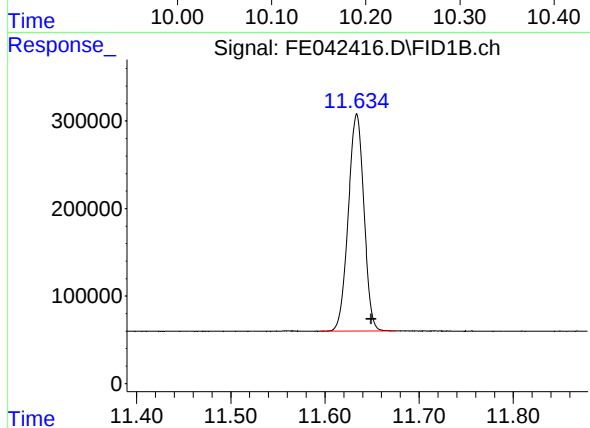
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.016 min
Response: 2748367
Conc: 18.35 ug/ml



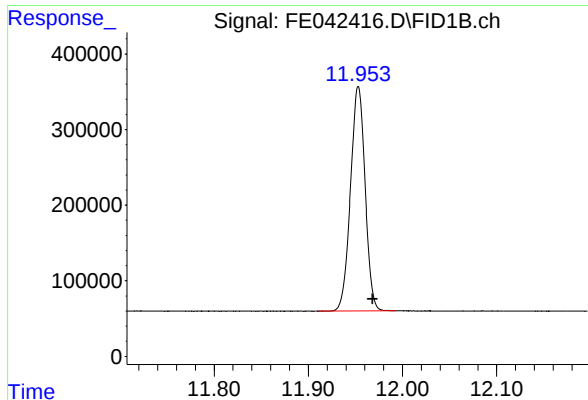
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.017 min
Response: 2842280
Conc: 18.25 ug/ml



#8 n-Octadecane (C18)

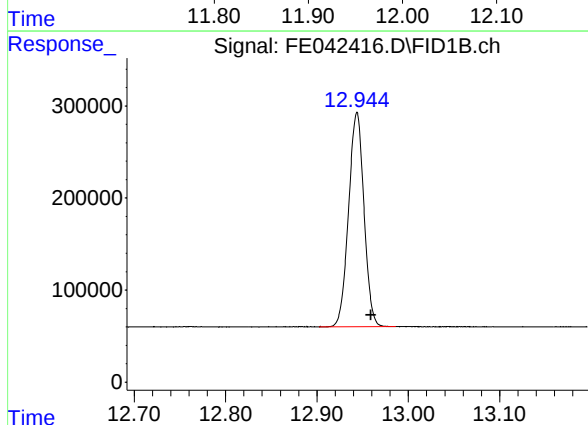
R.T.: 11.634 min
Delta R.T.: -0.015 min
Response: 2865374
Conc: 18.12 ug/ml



#9 ortho-Terphenyl (SURR)

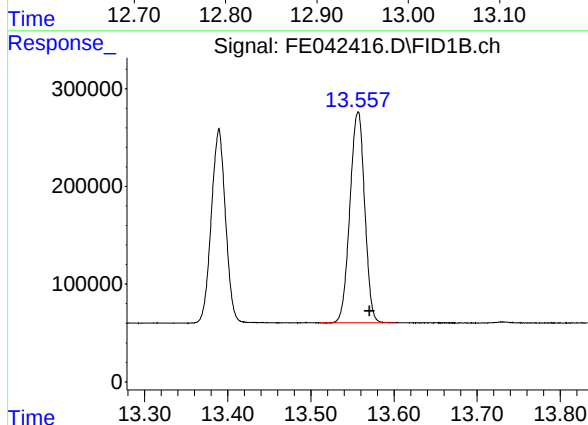
R.T.: 11.953 min
Delta R.T.: -0.015 min
Response: 3195010
Conc: 18.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



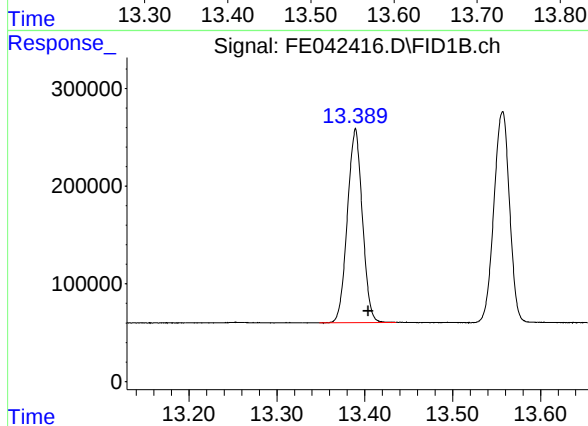
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 2726605
Conc: 17.99 ug/ml



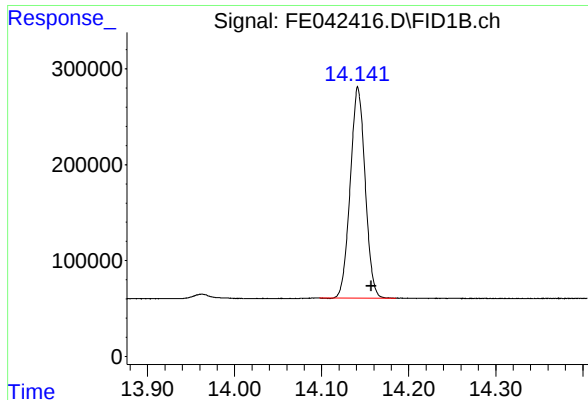
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.014 min
Response: 2658780
Conc: 17.95 ug/ml



#12 1-chlorooctadecane (SURR)

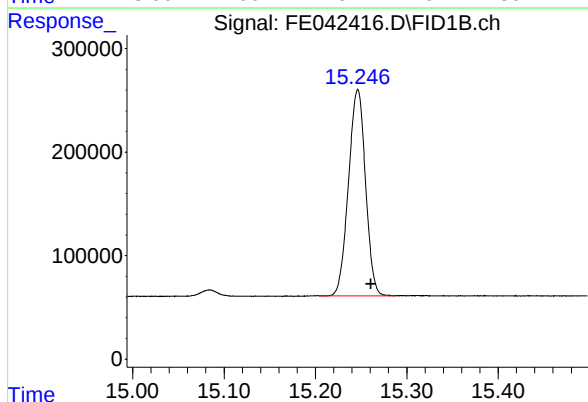
R.T.: 13.389 min
Delta R.T.: -0.015 min
Response: 2346933
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

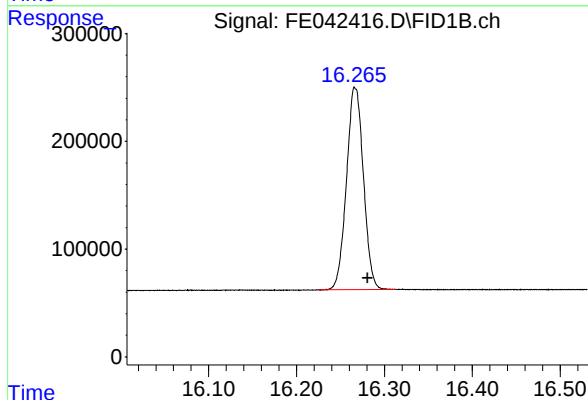
R.T.: 14.142 min
Delta R.T.: -0.015 min
Response: 2619650
Conc: 17.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



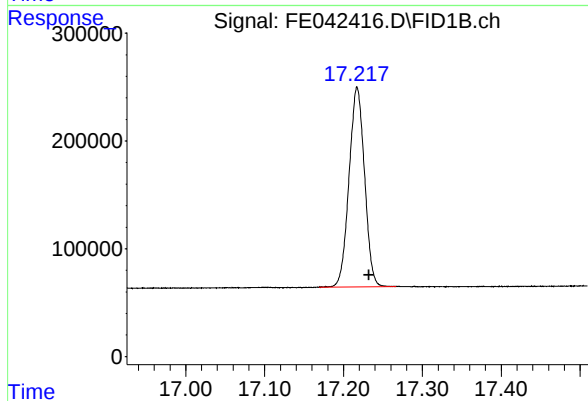
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.014 min
Response: 2572521
Conc: 17.82 ug/ml



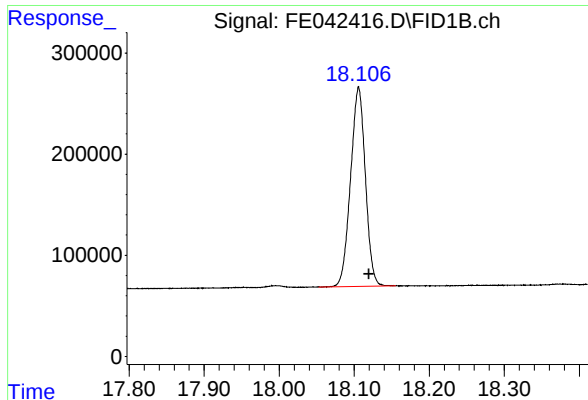
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.014 min
Response: 2514202
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

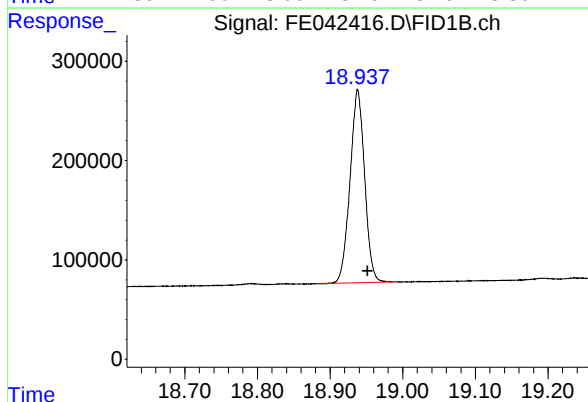
R.T.: 17.217 min
Delta R.T.: -0.015 min
Response: 2521673
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

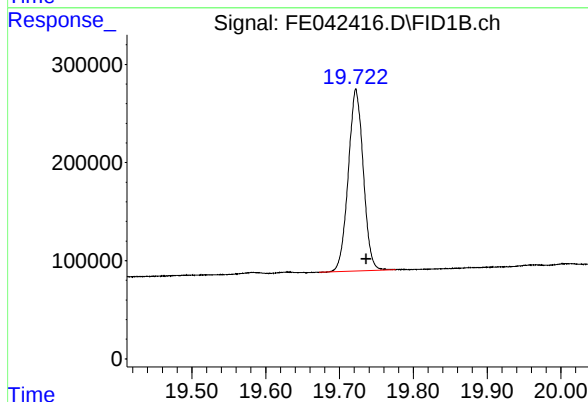
R.T.: 18.106 min
Delta R.T.: -0.014 min
Response: 2696759
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



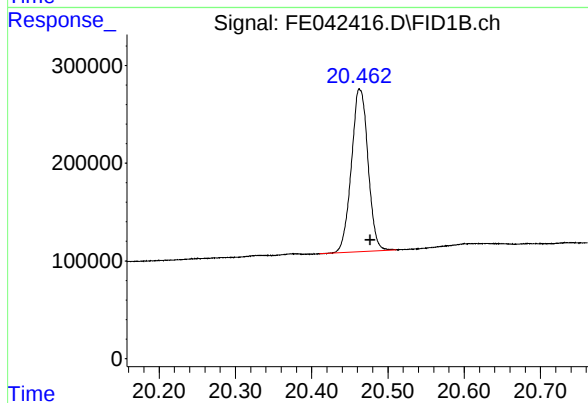
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 2719355
Conc: 20.36 ug/ml



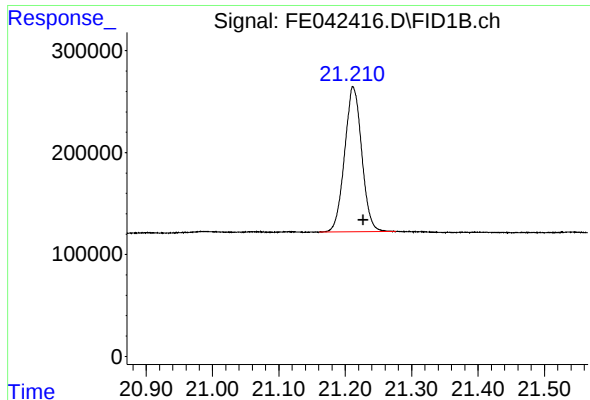
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.014 min
Response: 2615468
Conc: 19.89 ug/ml



#20 n-Hexatriacontane (C36)

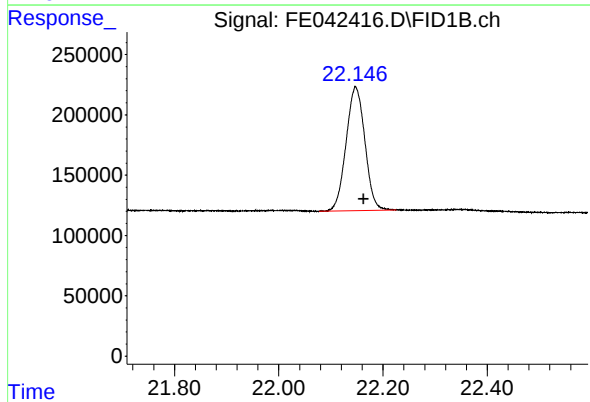
R.T.: 20.463 min
Delta R.T.: -0.014 min
Response: 2517279
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 2552052
Conc: 18.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: -0.016 min
Response: 2566278
Conc: 18.45 ug/ml