

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062023AL\
 Data File : FE042748.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2023 14:52
 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: Jun 21 02:02:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 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)	11.931	3562176	18.395 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
12) S 1-chlorooctadecane (S...	13.367	2639347	18.305 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
Target Compounds			
1) T n-Nonane (C9)	3.307	2990169	19.135 ug/ml
2) T n-Decane (C10)	4.560	3062976	19.198 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3325158	19.345 ug/ml
4) T n-Dodecane (C12)	6.730	3114060	19.242 ug/ml
5) T A~2-methylnaphthalene...	7.368	3193792	19.292 ug/ml
6) T n-Tetradecane (C14)	8.559	3096888	19.213 ug/ml
7) T n-Hexadecane (C16)	10.167	3195336	18.992 ug/ml
8) T n-Octadecane (C18)	11.611	3213111	18.726 ug/ml
10) T n-Eicosane (C20)	12.921	3065873	18.473 ug/ml
11) T n-Heneicosane (C21)	13.533	2991279	18.362 ug/ml
13) T n-Docosane (C22)	14.119	2946342	18.269 ug/ml
14) T n-Tetracosane (C24)	15.223	2874909	18.199 ug/ml
15) T n-Hexacosane (C26)	16.245	2768272	18.320 ug/ml
16) T n-Octacosane (C28)	17.195	2681769	18.733 ug/ml
17) T n-Tricontane (C30)	18.083	2730969	19.370 ug/ml
18) T n-Dotriacontane (C32)	18.916	2710853	19.917 ug/ml
19) T n-Tetratriacontane (C34)	19.699	2675676	20.237 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2641260	20.537 ug/ml
21) T n-Octatriacontane (C38)	21.186	2575591	19.891 ug/ml
22) T n-Tetracontane (C40)	22.110	2614218	20.055 ug/ml

(f)=RT Delta > 1/2 Window

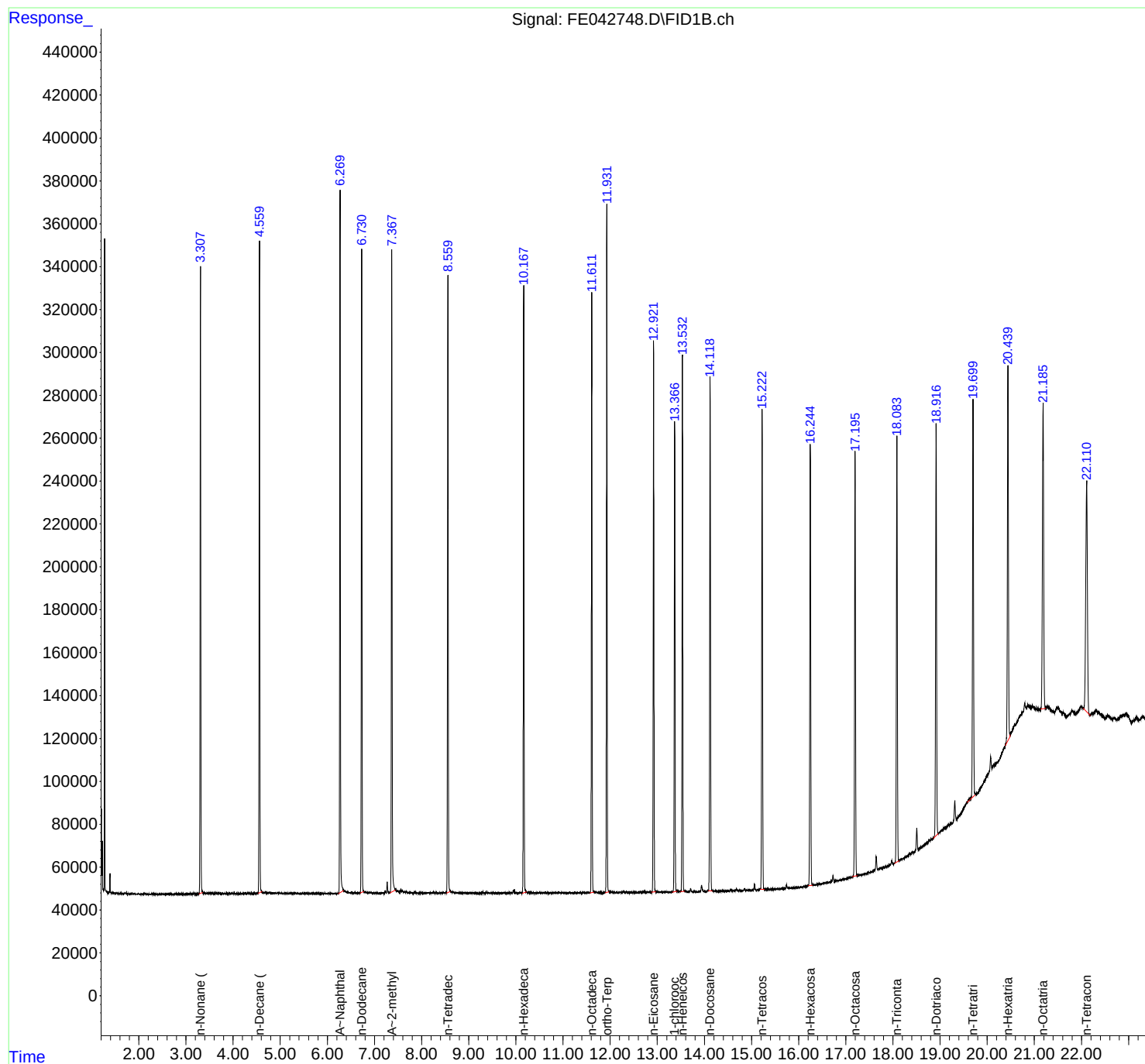
(m)=manual int.

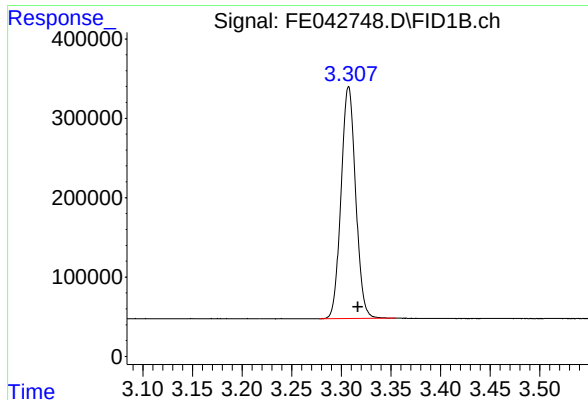
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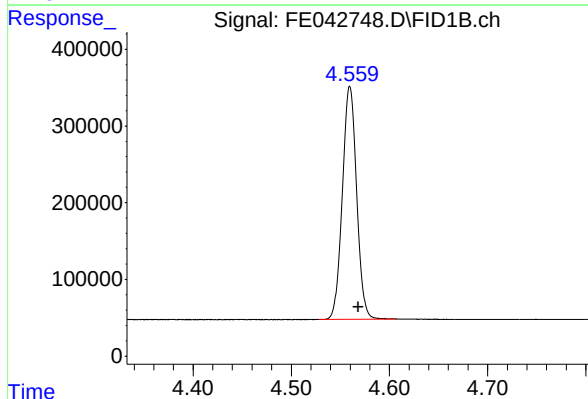




#1 n-Nonane (C9)

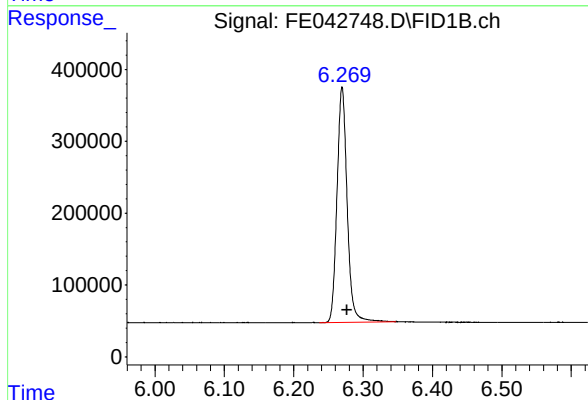
R.T.: 3.307 min
Delta R.T.: -0.010 min
Response: 2990169
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



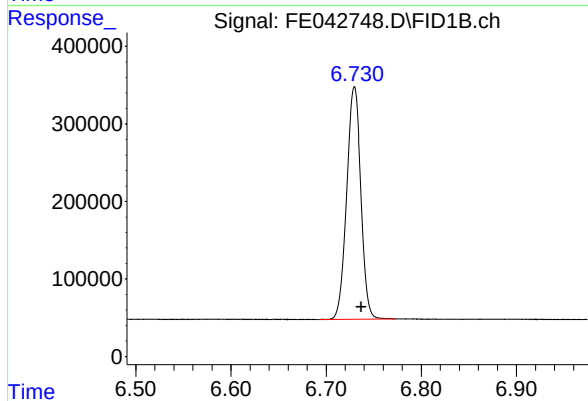
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.009 min
Response: 3062976
Conc: 19.20 ug/ml



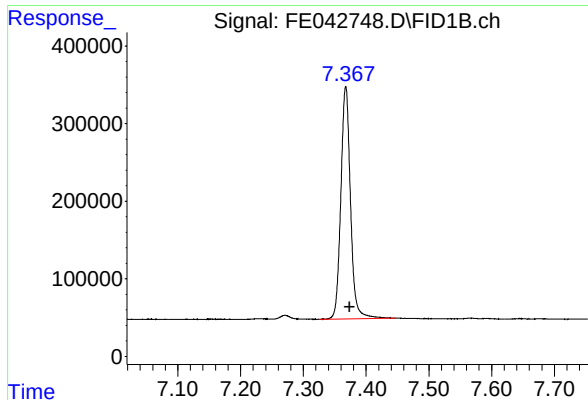
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.007 min
Response: 3325158
Conc: 19.35 ug/ml



#4 n-Dodecane (C12)

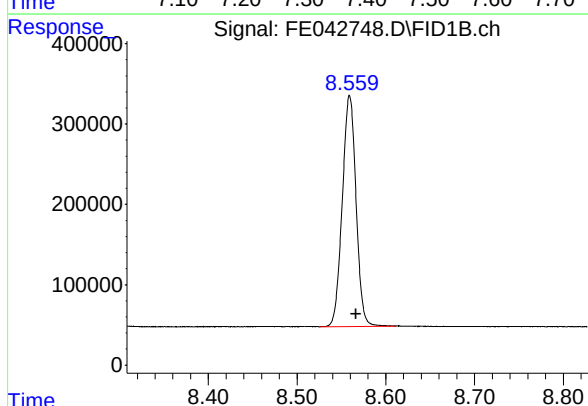
R.T.: 6.730 min
Delta R.T.: -0.007 min
Response: 3114060
Conc: 19.24 ug/ml



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

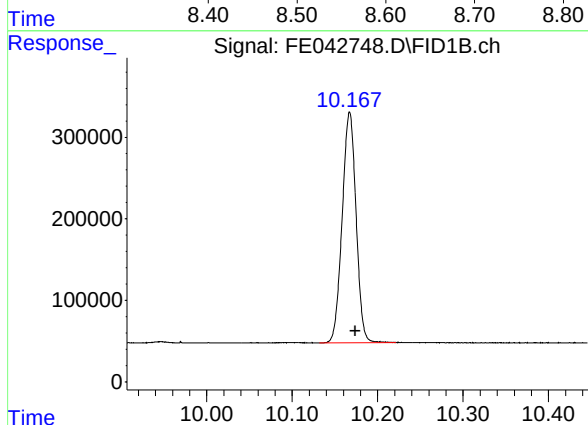
R.T.: 7.368 min
Delta R.T.: -0.007 min
Response: 3193792
Conc: 19.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



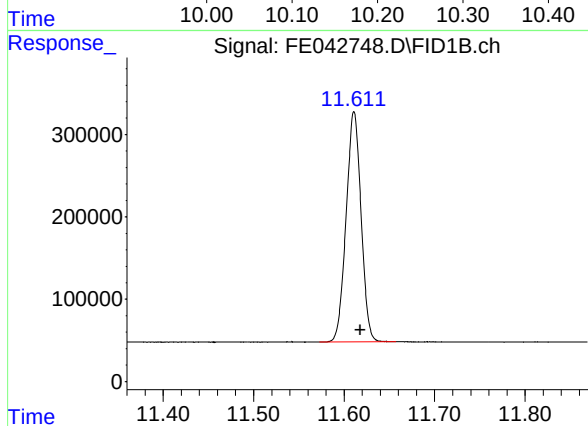
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.007 min
Response: 3096888
Conc: 19.21 ug/ml



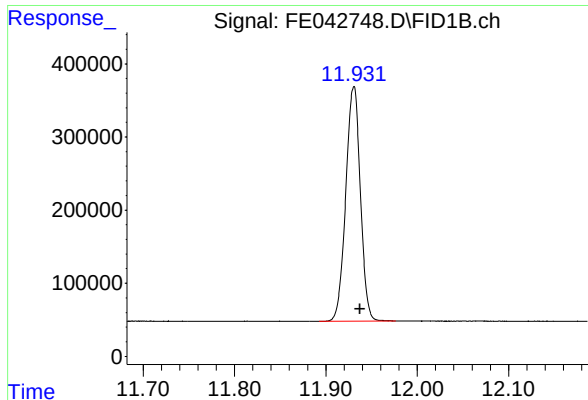
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.006 min
Response: 3195336
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

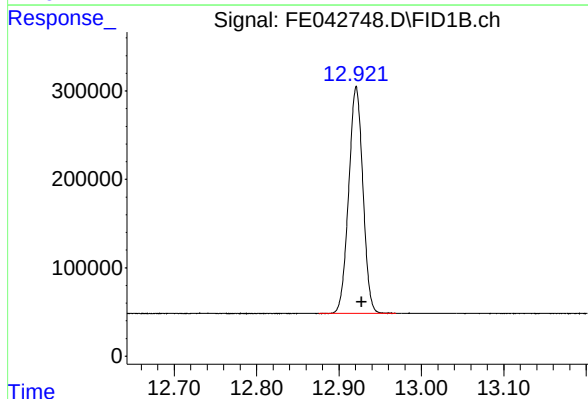
R.T.: 11.611 min
Delta R.T.: -0.007 min
Response: 3213111
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

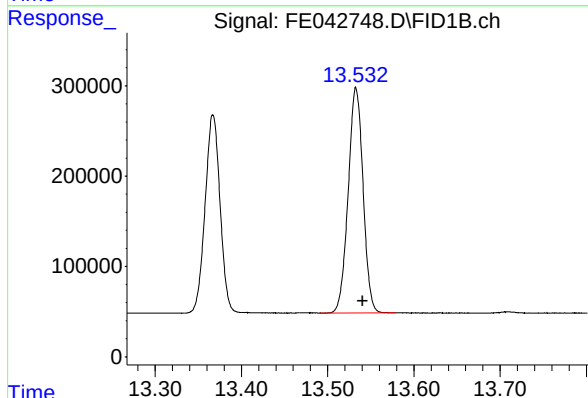
R.T.: 11.931 min
Delta R.T.: -0.007 min
Response: 3562176
Conc: 18.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



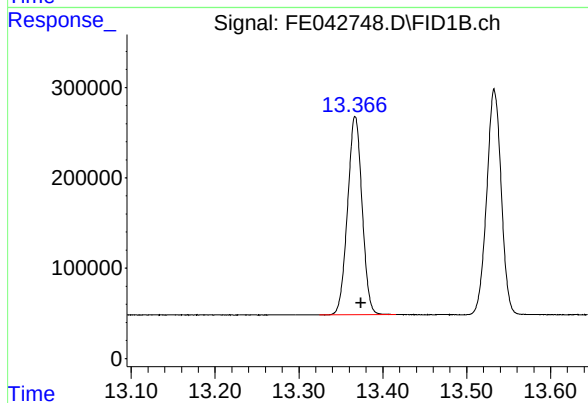
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.007 min
Response: 3065873
Conc: 18.47 ug/ml



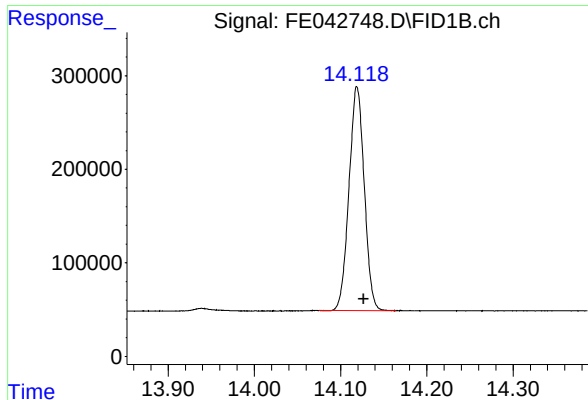
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.008 min
Response: 2991279
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

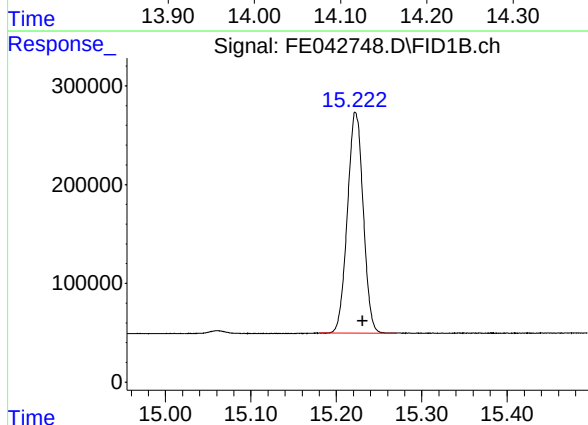
R.T.: 13.367 min
Delta R.T.: -0.007 min
Response: 2639347
Conc: 18.30 ug/ml



#13 n-Docosane (C22)

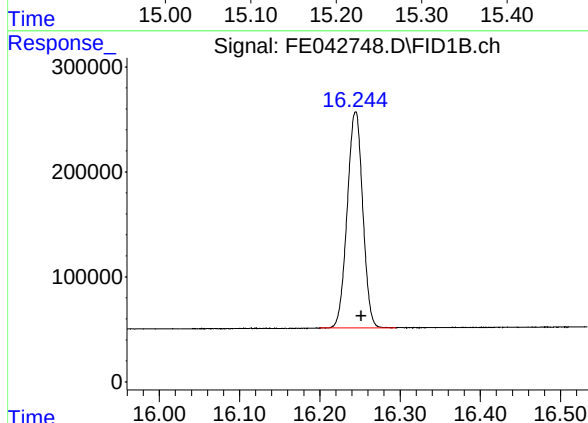
R.T.: 14.119 min
Delta R.T.: -0.008 min
Response: 2946342
Conc: 18.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



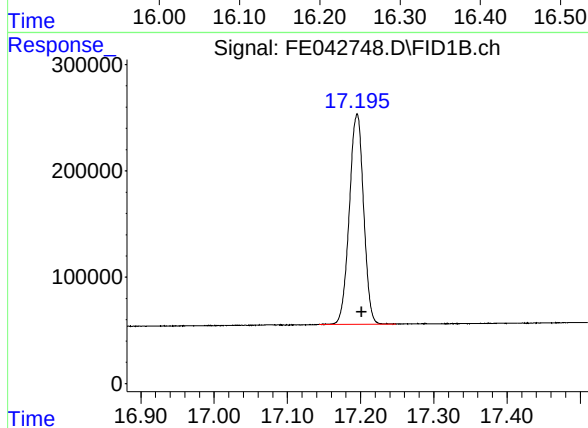
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.008 min
Response: 2874909
Conc: 18.20 ug/ml



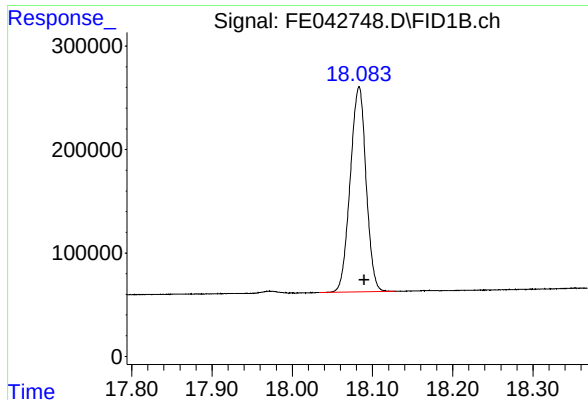
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.007 min
Response: 2768272
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

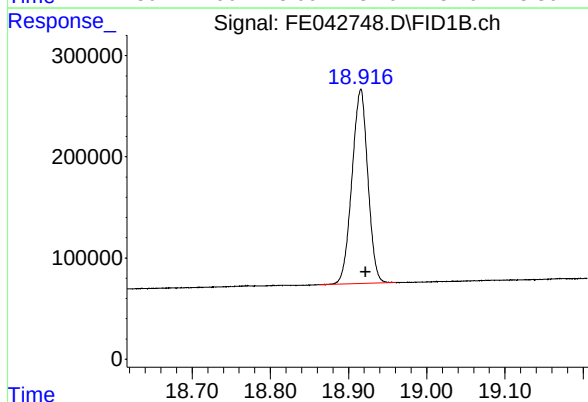
R.T.: 17.195 min
Delta R.T.: -0.006 min
Response: 2681769
Conc: 18.73 ug/ml



#17 n-Tricontane (C30)

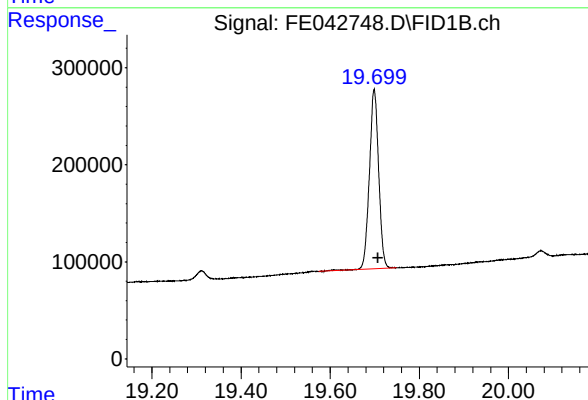
R.T.: 18.083 min
Delta R.T.: -0.006 min
Response: 2730969
Conc: 19.37 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



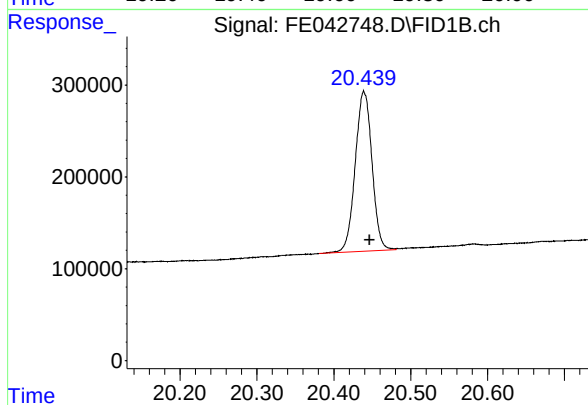
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.006 min
Response: 2710853
Conc: 19.92 ug/ml



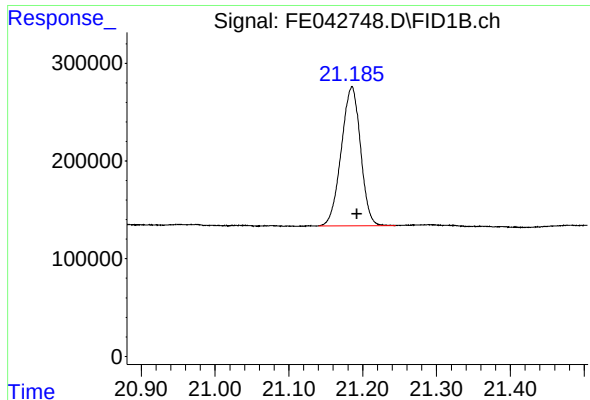
#19 n-Tetatriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.008 min
Response: 2675676
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

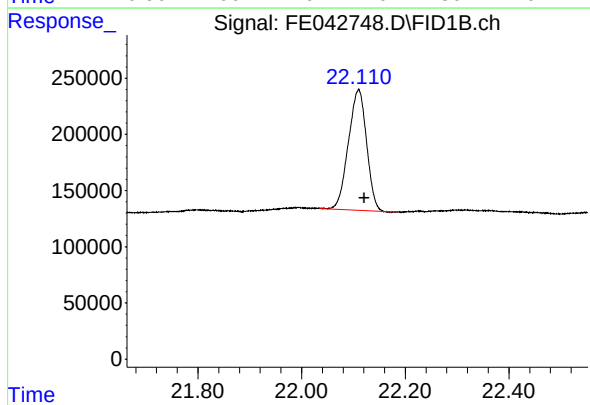
R.T.: 20.439 min
Delta R.T.: -0.007 min
Response: 2641260
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.007 min
Response: 2575591
Conc: 19.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.011 min
Response: 2614218
Conc: 20.05 ug/ml