

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050923AL\
 Data File : FE041808.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2023 13:05
 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: May 10 00:21:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.969	3817005	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	13.405	2777686	19.662 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.348	3030142	20.614 ug/ml
2) T n-Decane (C10)	4.601	3166193	21.111 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3467002	20.950 ug/ml
4) T n-Dodecane (C12)	6.770	3179314	20.911 ug/ml
5) T A~2-methylnaphthalene...	7.404	3377932	20.949 ug/ml
6) T n-Tetradecane (C14)	8.599	3168843	20.861 ug/ml
7) T n-Hexadecane (C16)	10.207	3295862	20.653 ug/ml
8) T n-Octadecane (C18)	11.650	3356106	20.475 ug/ml
10) T n-Eicosane (C20)	12.960	3239351	20.140 ug/ml
11) T n-Heneicosane (C21)	13.572	3187573	20.001 ug/ml
13) T n-Docosane (C22)	14.158	3172589	19.912 ug/ml
14) T n-Tetracosane (C24)	15.262	3161933	19.612 ug/ml
15) T n-Hexacosane (C26)	16.283	3072038	19.431 ug/ml
16) T n-Octacosane (C28)	17.233	3011639	19.572 ug/ml
17) T n-Tricontane (C30)	18.121	3097215	20.336 ug/ml
18) T n-Dotriacontane (C32)	18.953	3050799	20.478 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2958541	21.001 ug/ml
20) T n-Hexatriacontane (C36)	20.476	2853529	21.338 ug/ml
21) T n-Octatriacontane (C38)	21.229	2816316	21.314 ug/ml
22) T n-Tetracontane (C40)	22.165	2734293	21.596 ug/ml

(f)=RT Delta > 1/2 Window

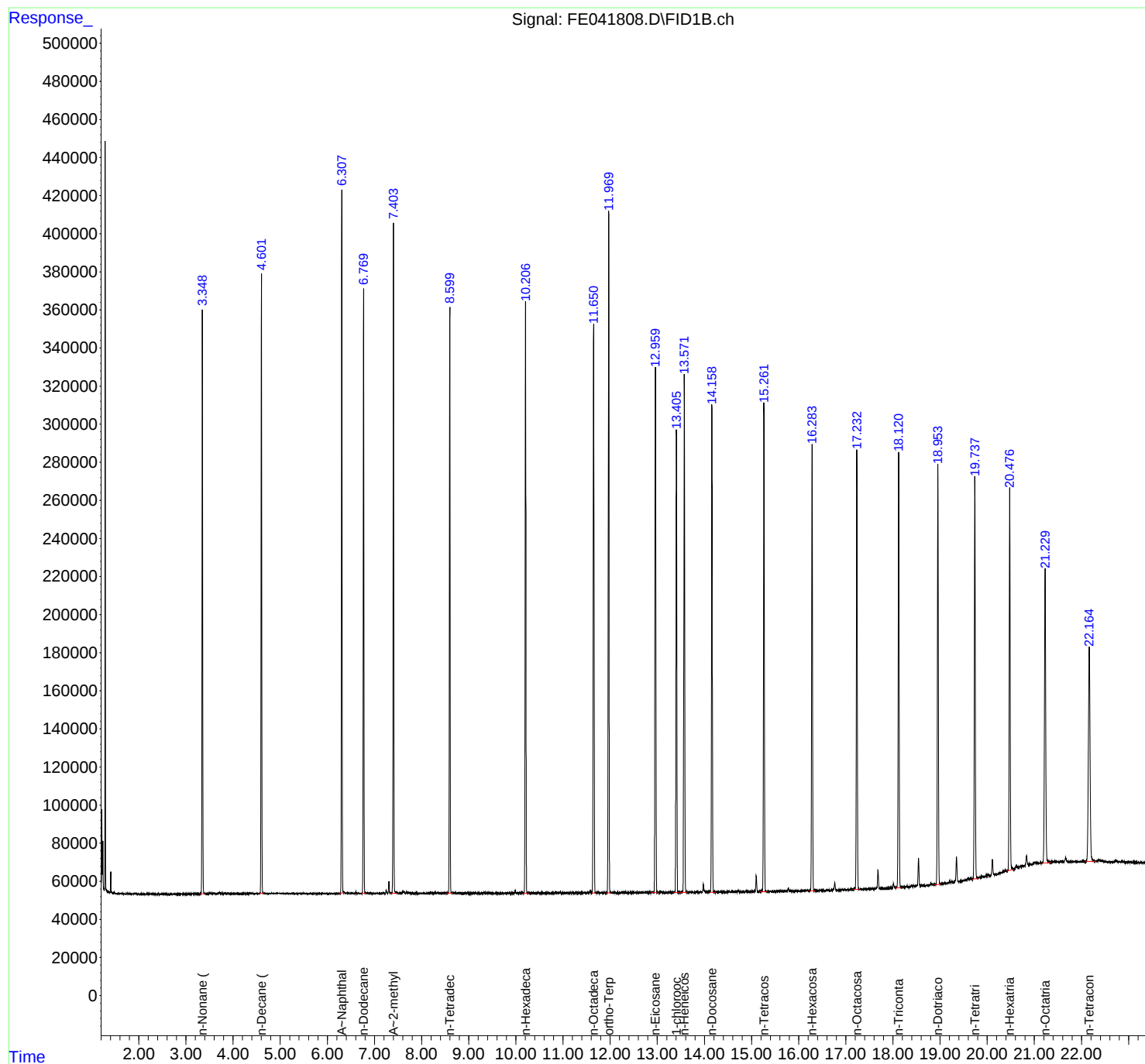
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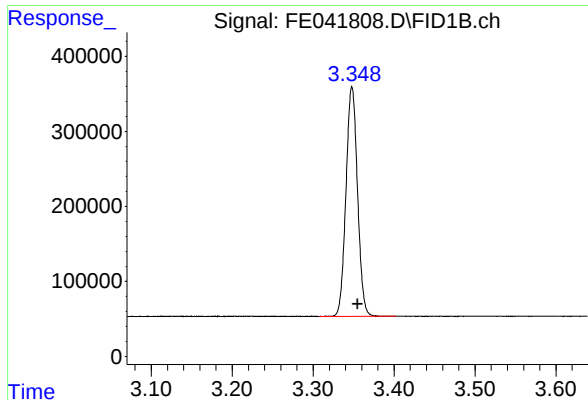
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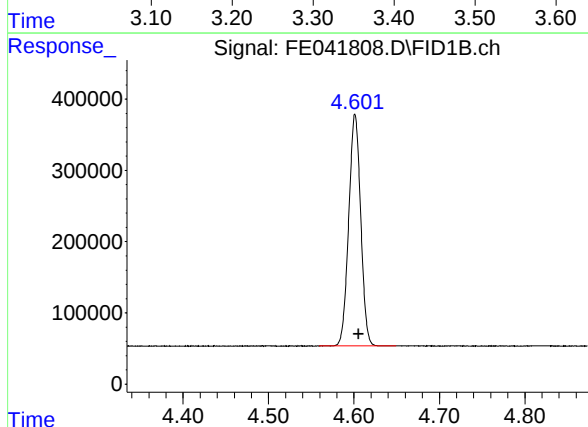




#1 n-Nonane (C9)

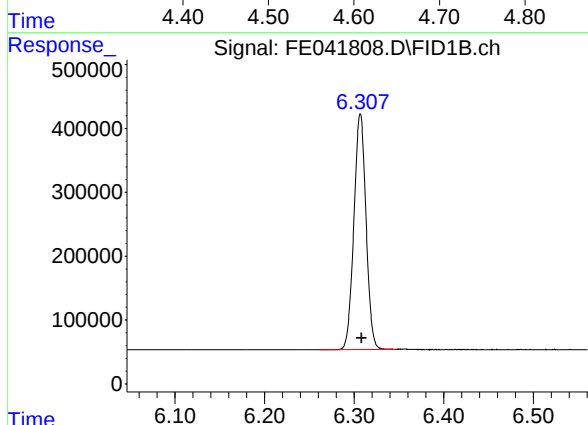
R.T.: 3.348 min
Delta R.T.: -0.007 min
Response: 3030142
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



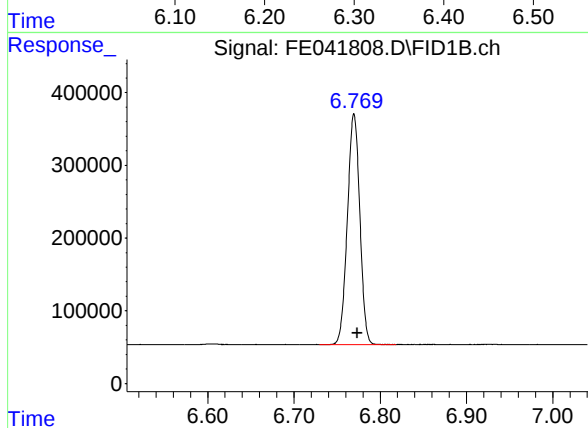
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 3166193
Conc: 21.11 ug/ml



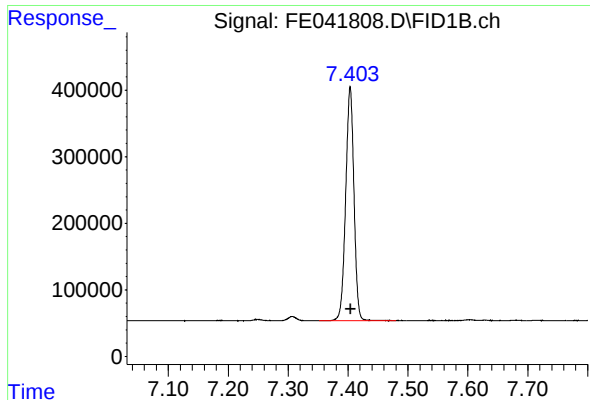
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.001 min
Response: 3467002
Conc: 20.95 ug/ml



#4 n-Dodecane (C12)

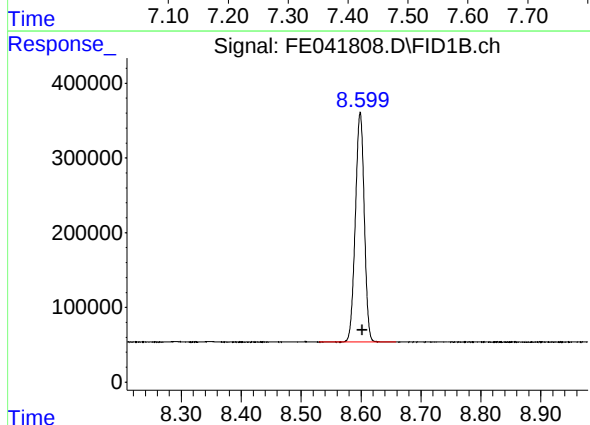
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 3179314
Conc: 20.91 ug/ml



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

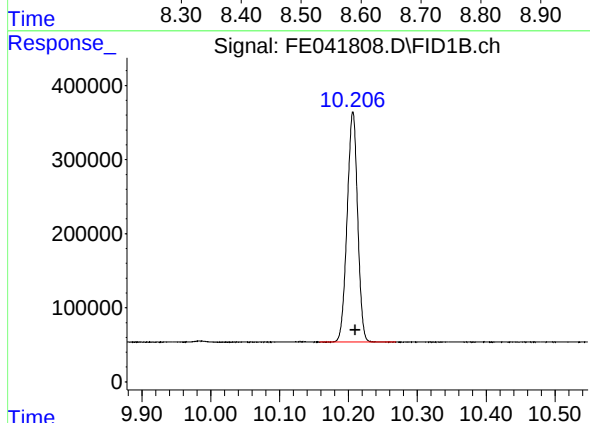
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3377932
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



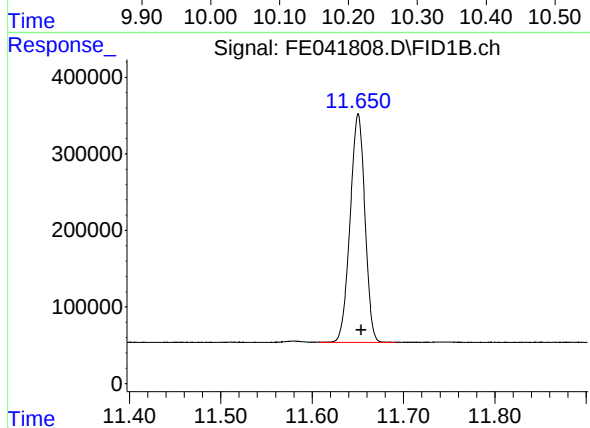
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 3168843
Conc: 20.86 ug/ml



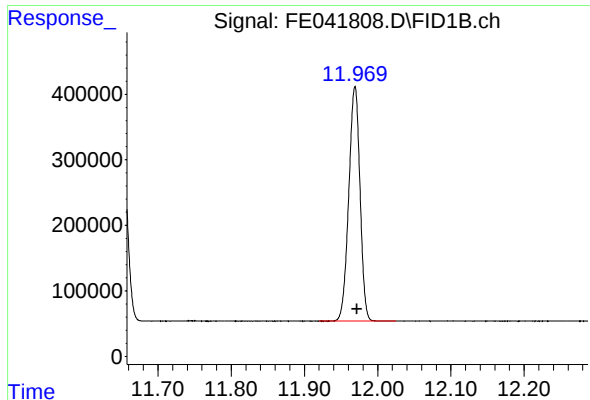
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.003 min
Response: 3295862
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

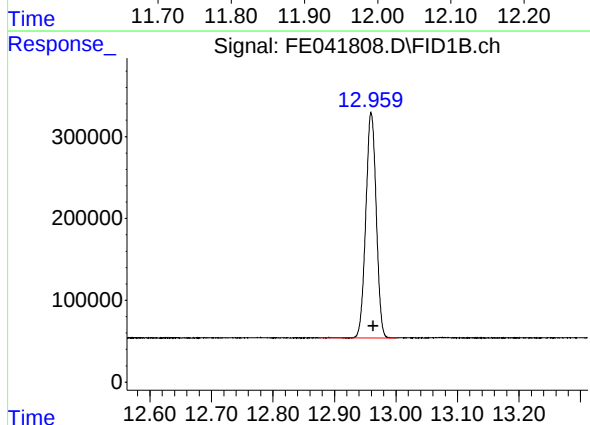
R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 3356106
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURR)

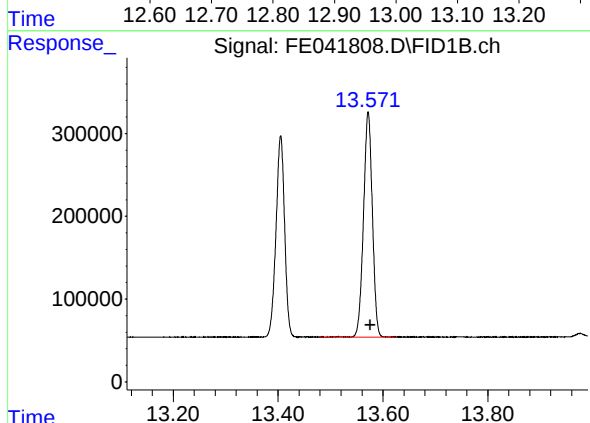
R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 3817005
Conc: 20.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



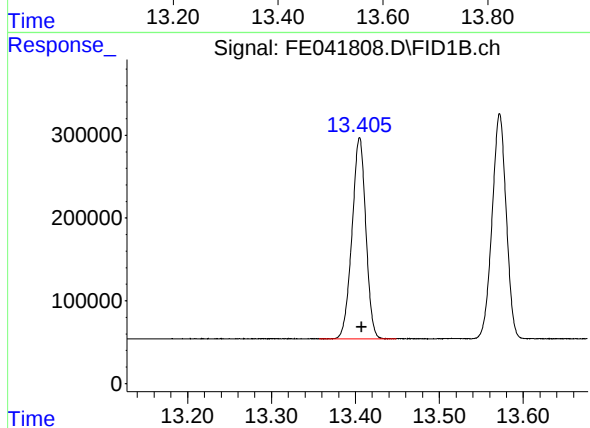
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 3239351
Conc: 20.14 ug/ml



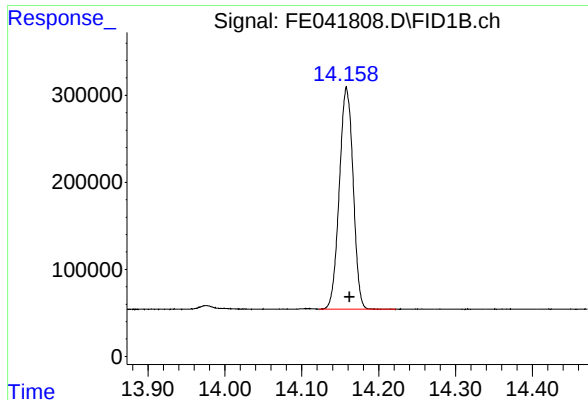
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.004 min
Response: 3187573
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

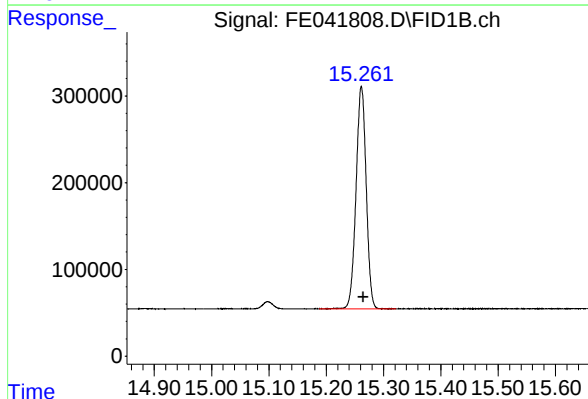
R.T.: 13.405 min
Delta R.T.: -0.002 min
Response: 2777686
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

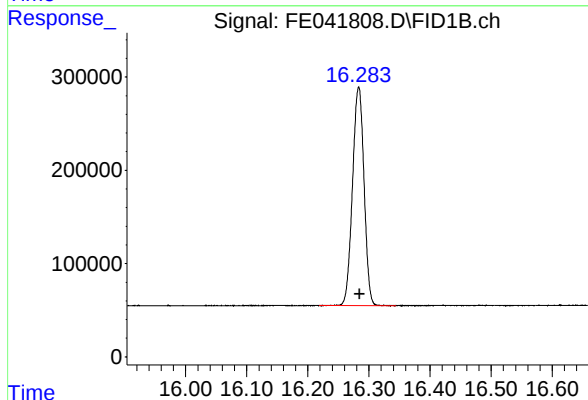
R.T.: 14.158 min
Delta R.T.: -0.004 min
Response: 3172589
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



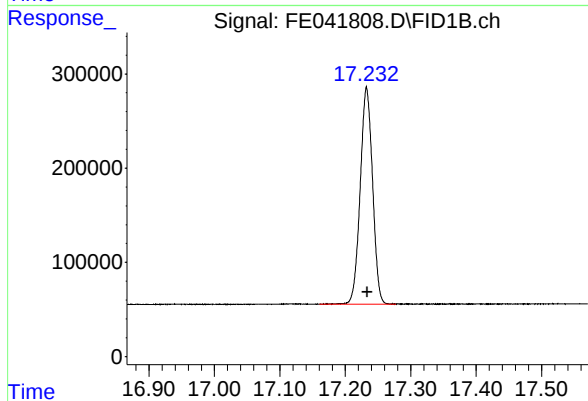
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: -0.003 min
Response: 3161933
Conc: 19.61 ug/ml



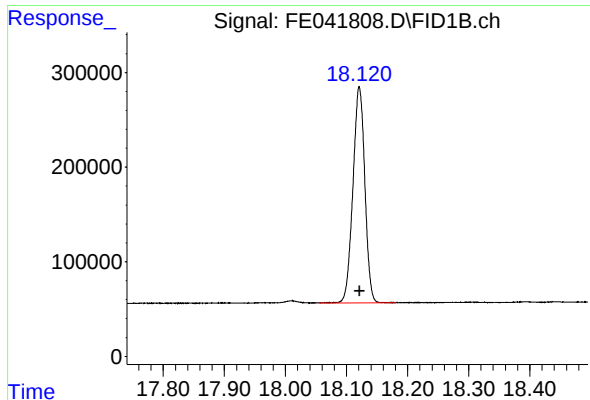
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.001 min
Response: 3072038
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

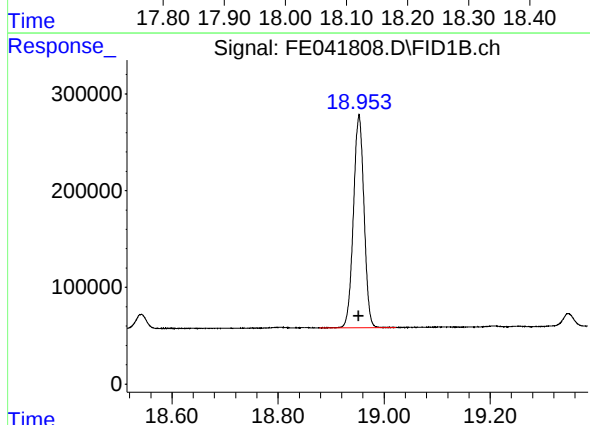
R.T.: 17.233 min
Delta R.T.: -0.002 min
Response: 3011639
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

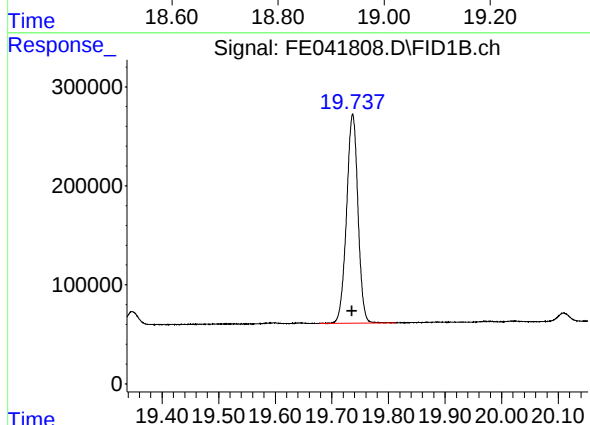
R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 3097215
Conc: 20.34 ug/ml

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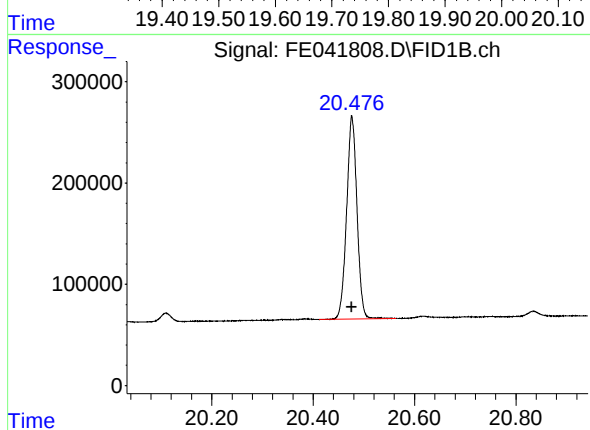
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 3050799
Conc: 20.48 ug/ml



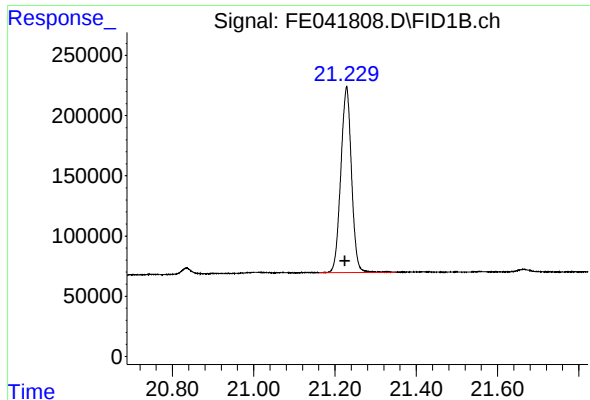
#19 n-Tetatriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.000 min
Response: 2958541
Conc: 21.00 ug/ml



#20 n-Hexatriacontane (C36)

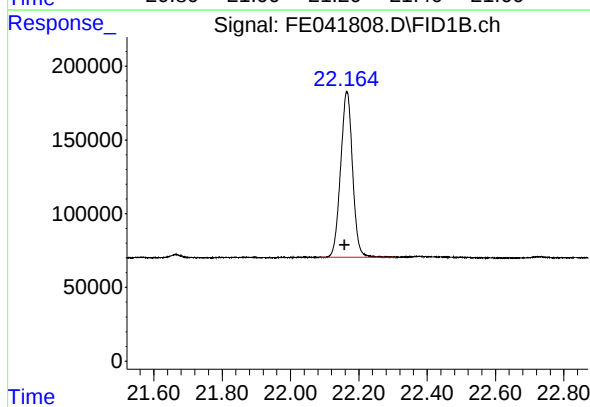
R.T.: 20.476 min
Delta R.T.: 0.000 min
Response: 2853529
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.004 min
Response: 2816316
Conc: 21.31 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.006 min
Response: 2734293
Conc: 21.60 ug/ml