

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060524AL\
 Data File : FE048558.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2024 07:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 05 11:01:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.944	2800366	19.502 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	13.378	2119826	19.458 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T n-Nonane (C9)	3.333	2816387	18.838 ug/ml
2) T n-Decane (C10)	4.582	2912343	19.287 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2860952	19.214 ug/ml
4) T n-Dodecane (C12)	6.747	2855601	19.291 ug/ml
5) T A~2-methylnaphthalene...	7.383	2680321	19.331 ug/ml
6) T n-Tetradecane (C14)	8.575	2730727	19.253 ug/ml
7) T n-Hexadecane (C16)	10.181	2722622	19.312 ug/ml
8) T n-Octadecane (C18)	11.624	2692958	19.390 ug/ml
10) T n-Eicosane (C20)	12.933	2582788	19.517 ug/ml
11) T n-Heneicosane (C21)	13.545	2528271	19.519 ug/ml
13) T n-Docosane (C22)	14.130	2553253	19.814 ug/ml
14) T n-Tetracosane (C24)	15.232	2670138	20.611 ug/ml
15) T n-Hexacosane (C26)	16.253	2720306	20.989 ug/ml
16) T n-Octacosane (C28)	17.201	2835458	21.937 ug/ml
17) T n-Tricontane (C30)	18.089	3039111	22.686 ug/ml
18) T n-Dotriacontane (C32)	18.920	3094085	22.794 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2927200	21.398 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2792697	20.544 ug/ml
21) T n-Octatriacontane (C38)	21.178	2715374	19.911 ug/ml
22) T n-Tetracontane (C40)	22.096	2590188	18.917 ug/ml

(f)=RT Delta > 1/2 Window

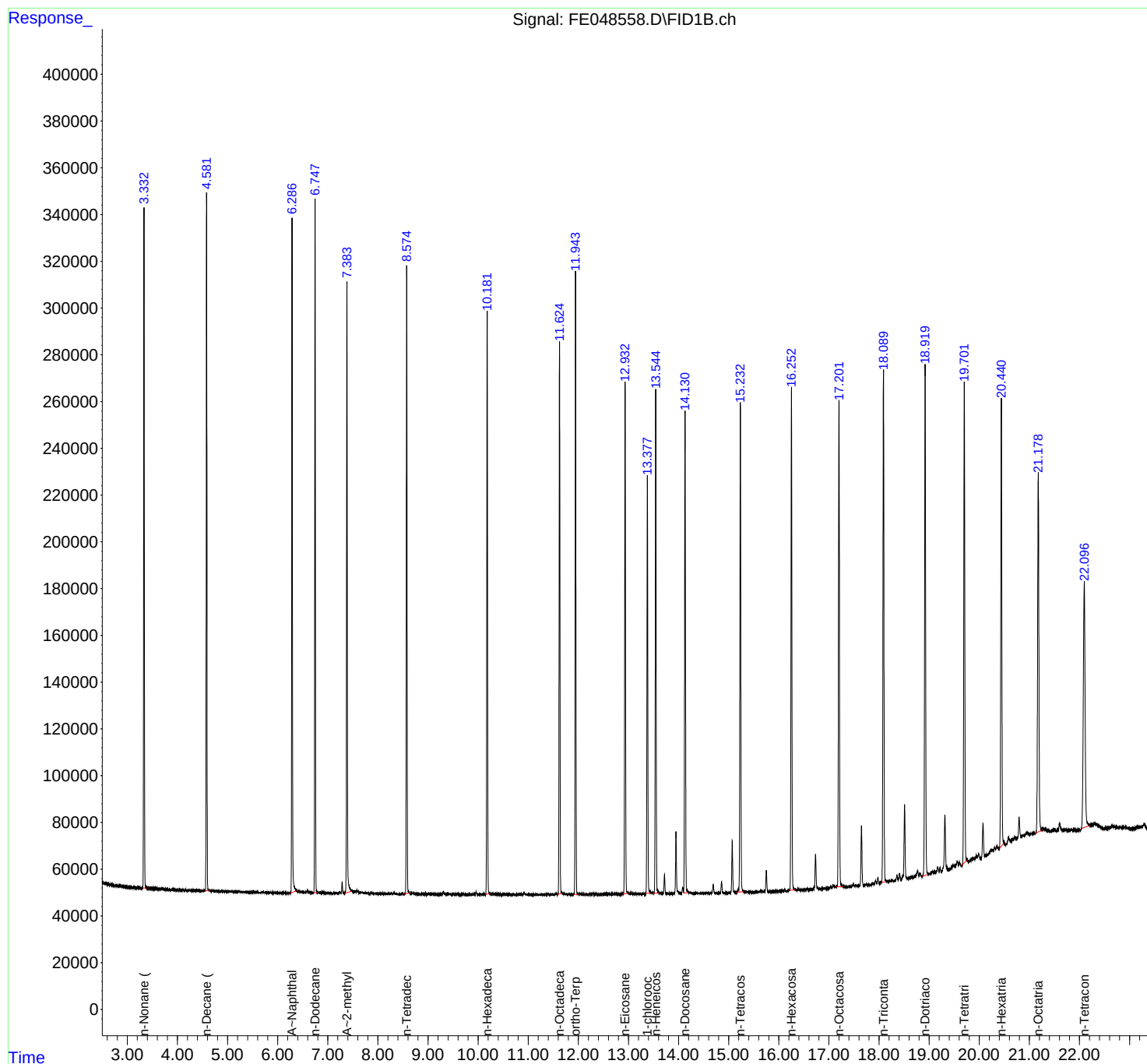
(m)=manual int.

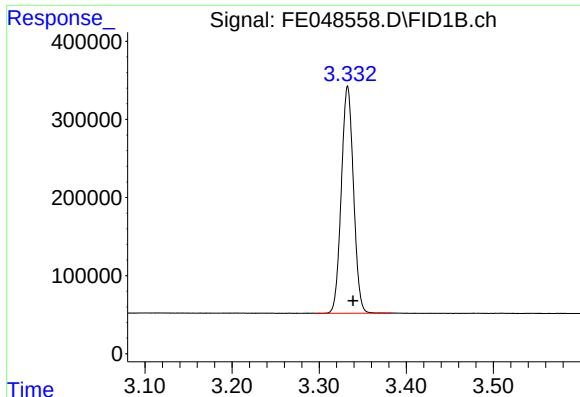
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060524AL\
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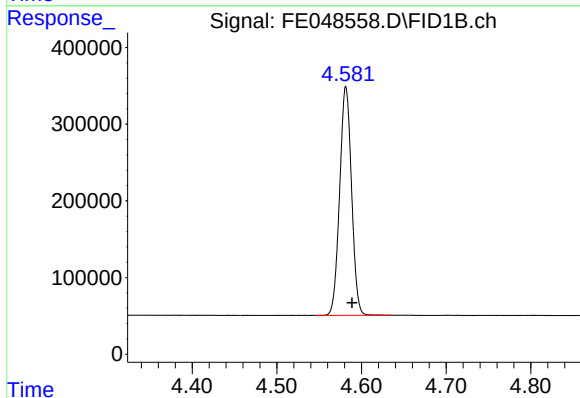




#1 n-Nonane (C9)

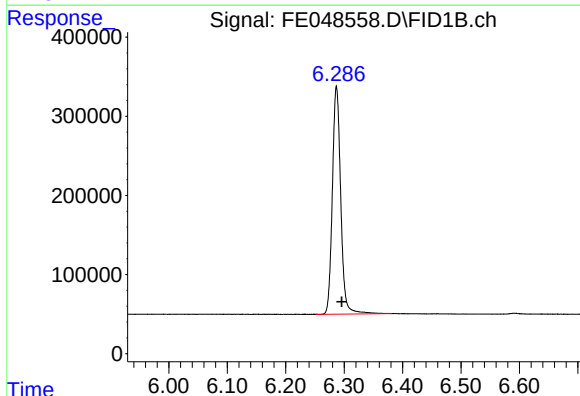
R.T.: 3.333 min
Delta R.T.: -0.006 min
Response: 2816387
Conc: 18.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



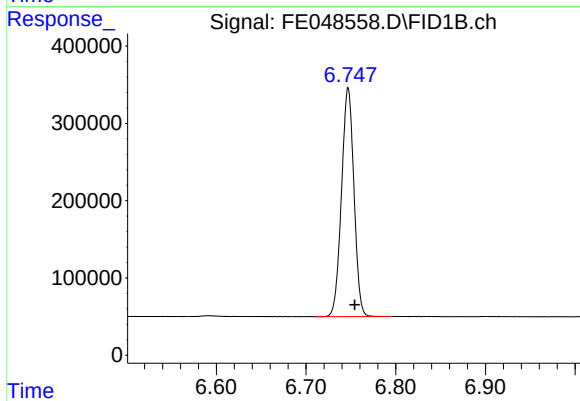
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.008 min
Response: 2912343
Conc: 19.29 ug/ml



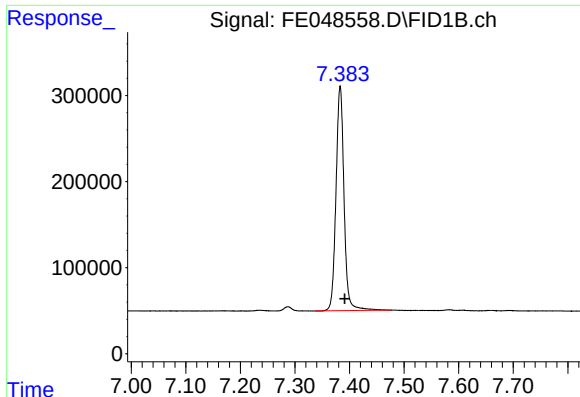
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.009 min
Response: 2860952
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

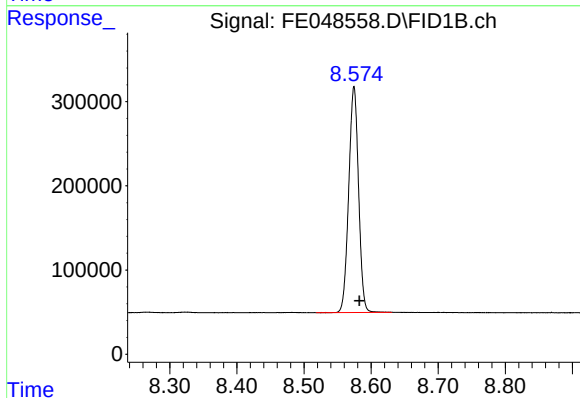
R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 2855601
Conc: 19.29 ug/ml



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

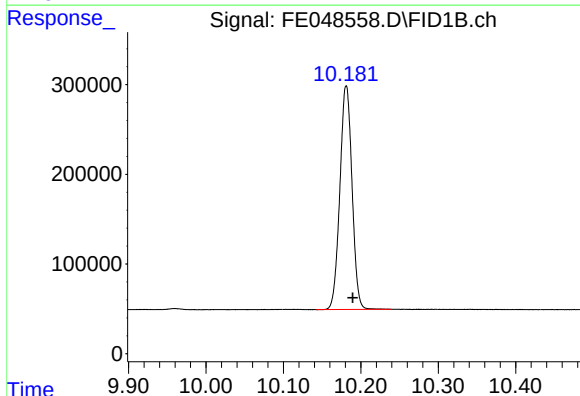
R.T.: 7.383 min
Delta R.T.: -0.009 min
Response: 2680321
Conc: 19.33 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



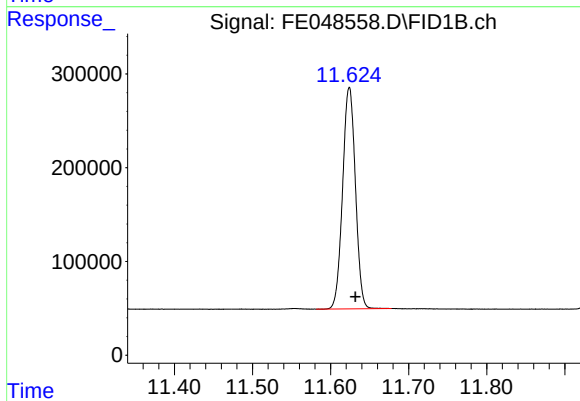
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.008 min
Response: 2730727
Conc: 19.25 ug/ml



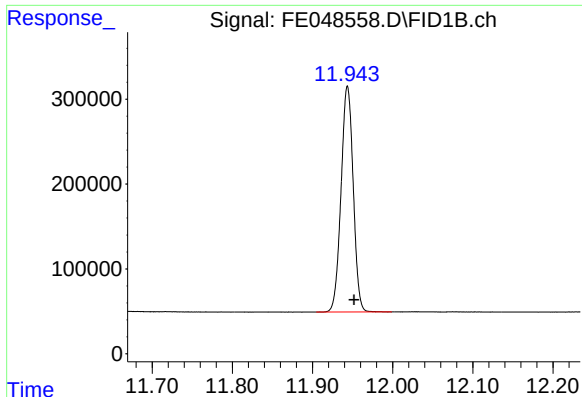
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.008 min
Response: 2722622
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

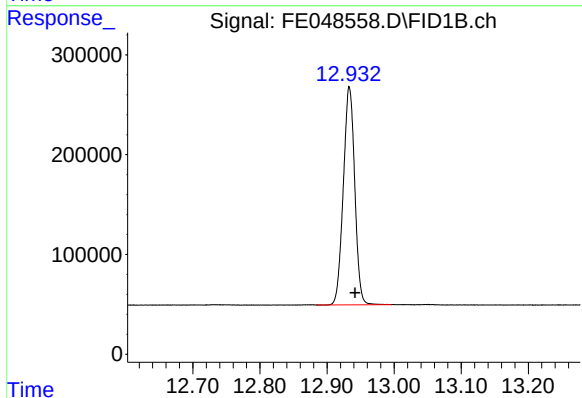
R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 2692958
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

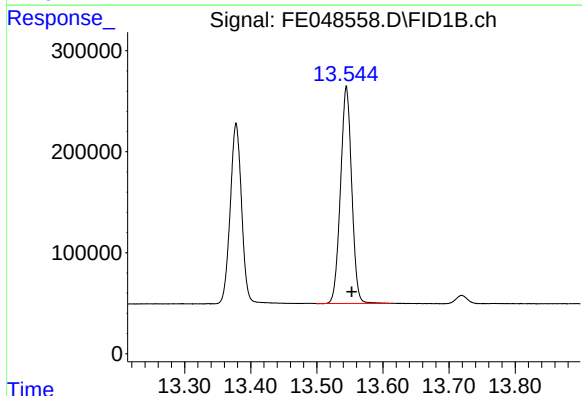
R.T.: 11.944 min
Delta R.T.: -0.008 min
Response: 2800366
Conc: 19.50 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



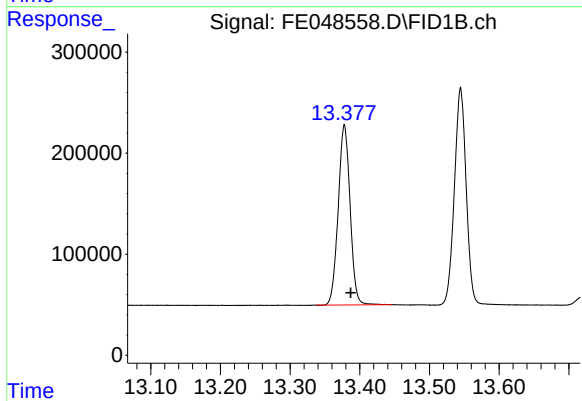
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.009 min
Response: 2582788
Conc: 19.52 ug/ml



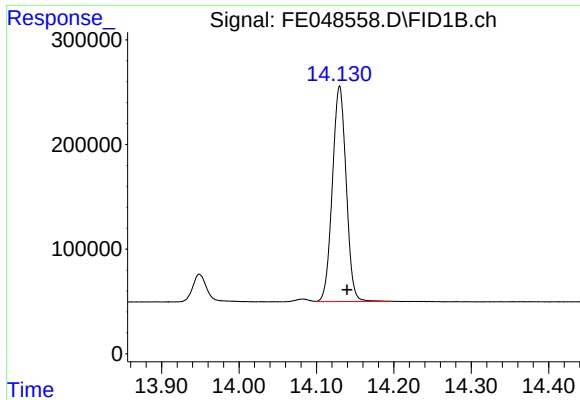
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.008 min
Response: 2528271
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

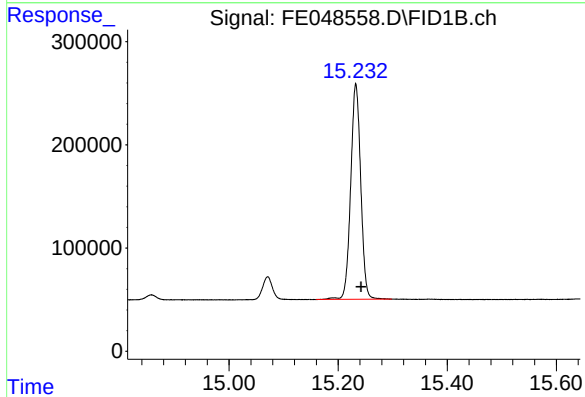
R.T.: 13.378 min
Delta R.T.: -0.009 min
Response: 2119826
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

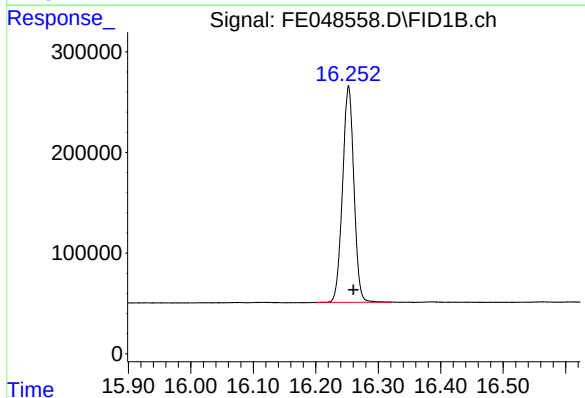
R.T.: 14.130 min
Delta R.T.: -0.010 min
Response: 2553253
Conc: 19.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



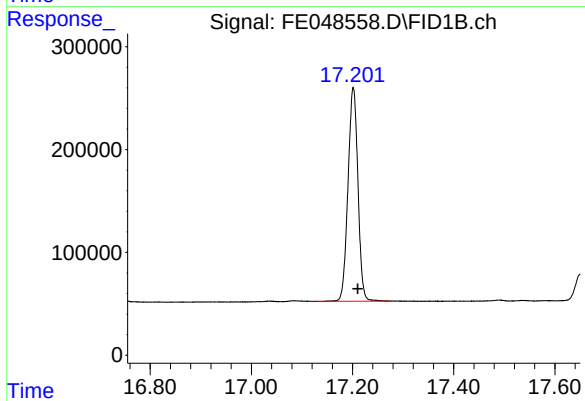
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.009 min
Response: 2670138
Conc: 20.61 ug/ml



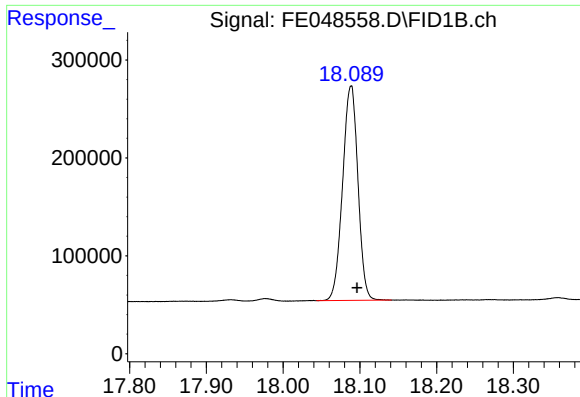
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.008 min
Response: 2720306
Conc: 20.99 ug/ml



#16 n-Octacosane (C28)

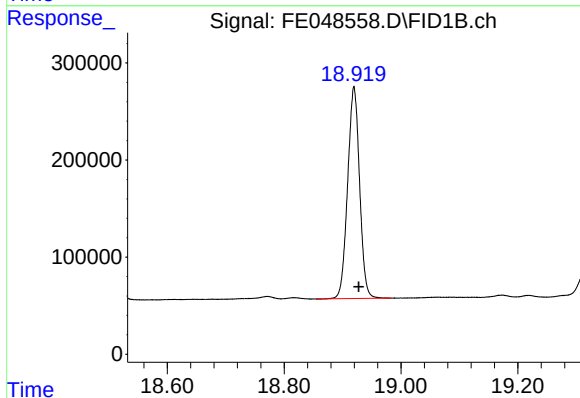
R.T.: 17.201 min
Delta R.T.: -0.009 min
Response: 2835458
Conc: 21.94 ug/ml



#17 n-Tricontane (C30)

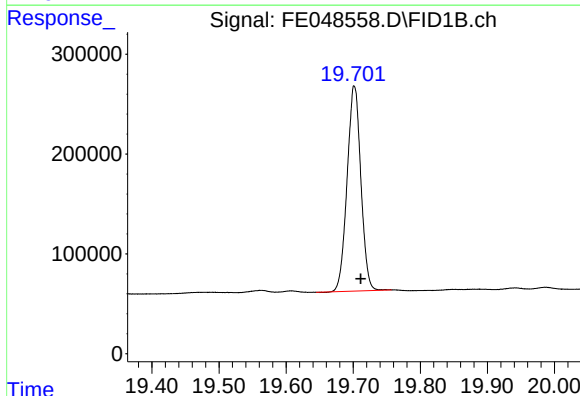
R.T.: 18.089 min
Delta R.T.: -0.008 min
Response: 3039111
Conc: 22.69 ug/ml

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20 PPM ALIPHATIC HC STD



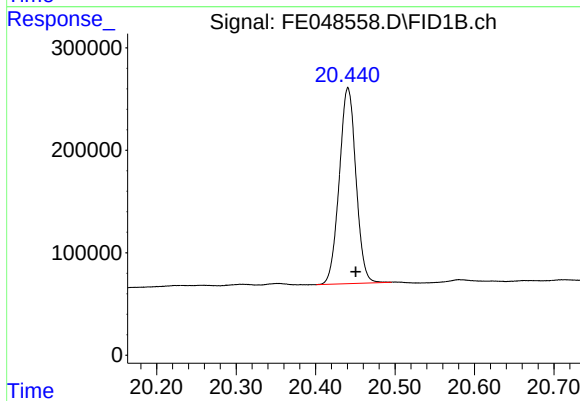
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.008 min
Response: 3094085
Conc: 22.79 ug/ml



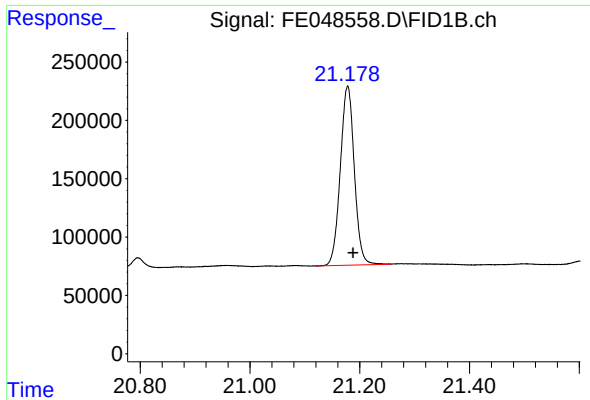
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.009 min
Response: 2927200
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

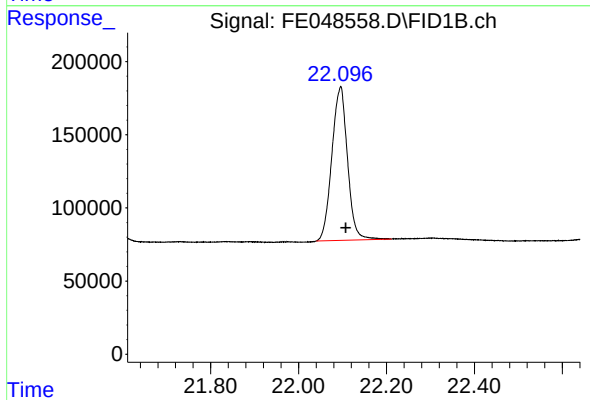
R.T.: 20.441 min
Delta R.T.: -0.010 min
Response: 2792697
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.010 min
Response: 2715374
Conc: 19.91 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.011 min
Response: 2590188
Conc: 18.92 ug/ml