

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091823AL\
 Data File : FE044335.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2023 14:25
 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: Sep 18 14:50:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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	4028717	21.265 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
12) S 1-chlorooctadecane (S...	13.369	2997338	21.697 ug/ml
Spiked Amount 50.000		Recovery =	43.39%
Target Compounds			
1) T n-Nonane (C9)	3.315	3351100	20.542 ug/ml
2) T n-Decane (C10)	4.567	3412778	20.533 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3709733	20.717 ug/ml
4) T n-Dodecane (C12)	6.732	3458647	20.566 ug/ml
5) T A~2-methylnaphthalene...	7.365	3617296	21.100 ug/ml
6) T n-Tetradecane (C14)	8.559	3438296	20.502 ug/ml
7) T n-Hexadecane (C16)	10.169	3495409	20.224 ug/ml
8) T n-Octadecane (C18)	11.614	3489640	20.047 ug/ml
10) T n-Eicosane (C20)	12.924	3356766	20.294 ug/ml
11) T n-Heneicosane (C21)	13.537	3286972	20.321 ug/ml
13) T n-Docosane (C22)	14.124	3232756	20.235 ug/ml
14) T n-Tetracosane (C24)	15.228	3148137	20.132 ug/ml
15) T n-Hexacosane (C26)	16.250	3052730	20.250 ug/ml
16) T n-Octacosane (C28)	17.202	2980428	20.653 ug/ml
17) T n-Tricontane (C30)	18.091	3034400	20.886 ug/ml
18) T n-Dotriacontane (C32)	18.925	3037467	21.324 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2977947	21.280 ug/ml
20) T n-Hexatriacontane (C36)	20.452	3010267	21.958 ug/ml
21) T n-Octatriacontane (C38)	21.197	3061987	22.058 ug/ml
22) T n-Tetracontane (C40)	22.121	3255698	23.547 ug/ml

(f)=RT Delta > 1/2 Window

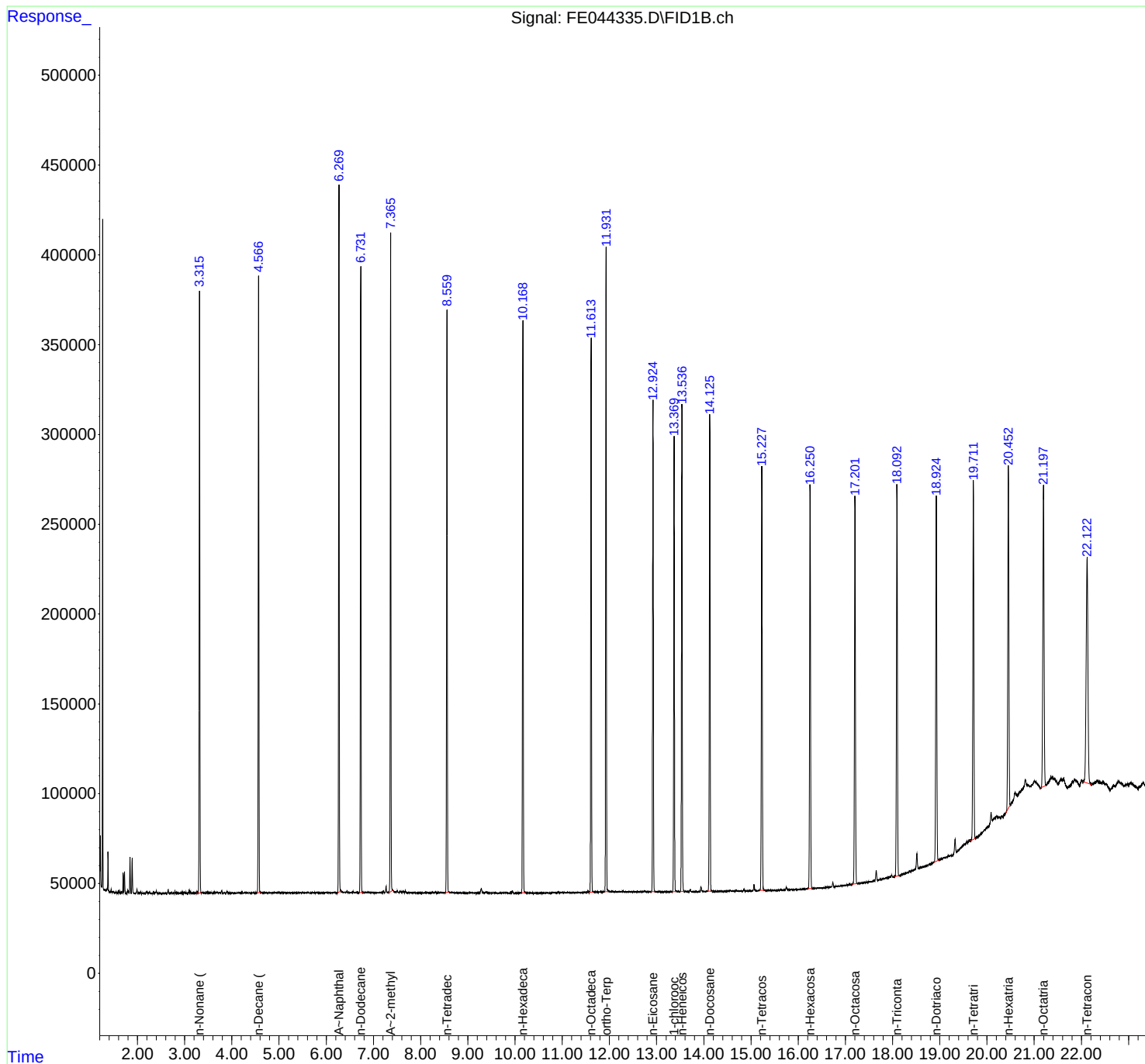
(m)=manual int.

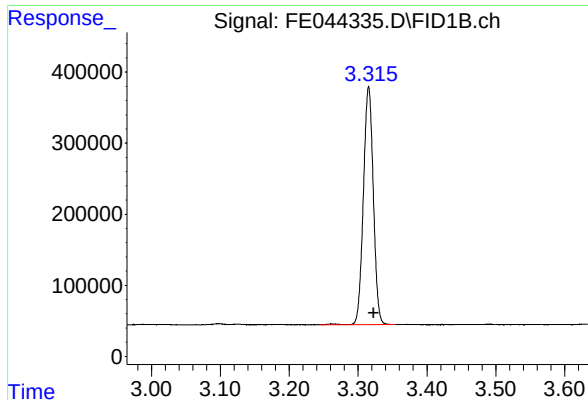
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091823AL\
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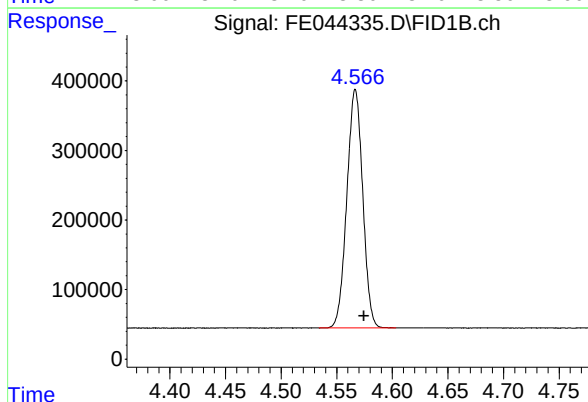




#1 n-Nonane (C9)

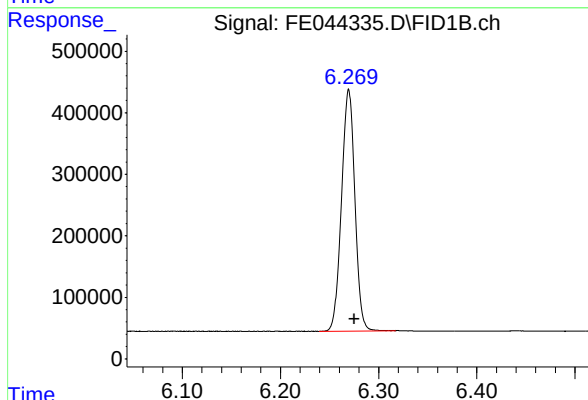
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3351100
Conc: 20.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



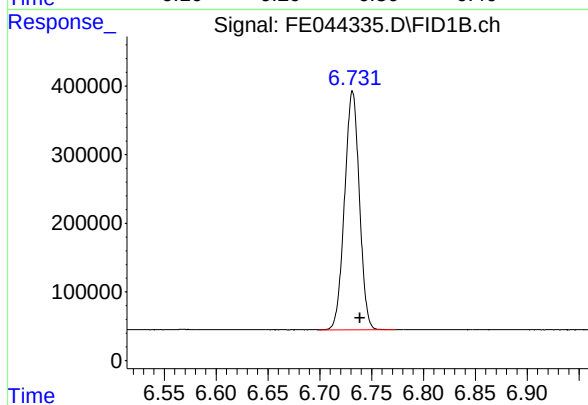
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.008 min
Response: 3412778
Conc: 20.53 ug/ml



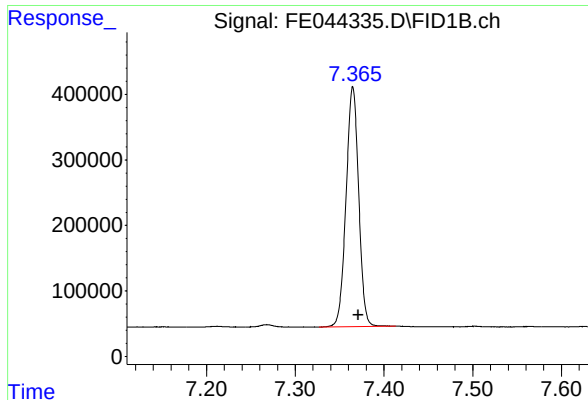
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.006 min
Response: 3709733
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

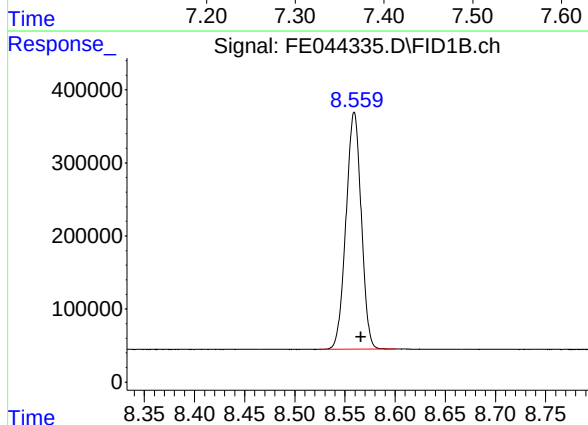
R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 3458647
Conc: 20.57 ug/ml



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

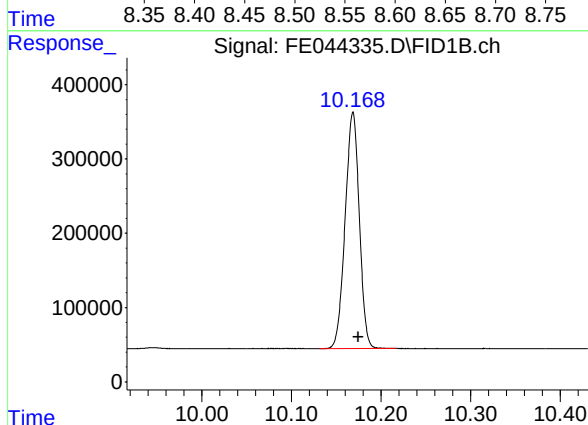
R.T.: 7.365 min
Delta R.T.: -0.006 min
Response: 3617296
Conc: 21.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



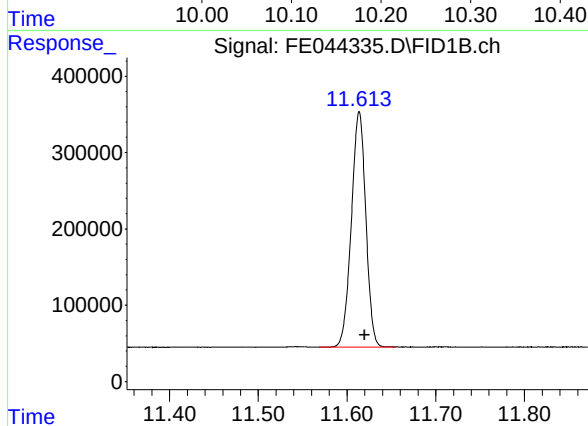
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.007 min
Response: 3438296
Conc: 20.50 ug/ml



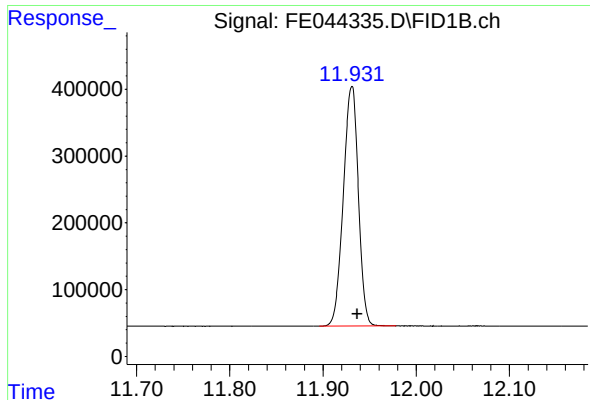
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.006 min
Response: 3495409
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

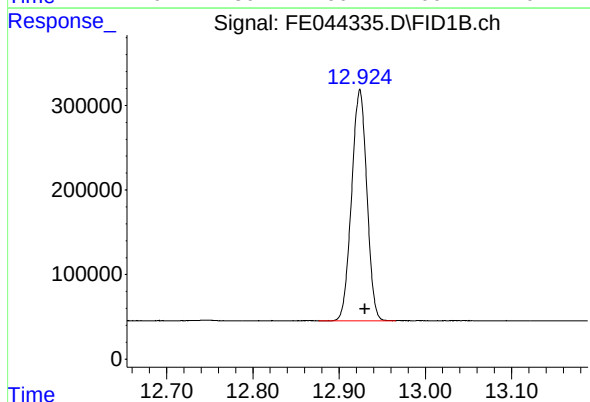
R.T.: 11.614 min
Delta R.T.: -0.006 min
Response: 3489640
Conc: 20.05 ug/ml



#9 ortho-Terphenyl (SURR)

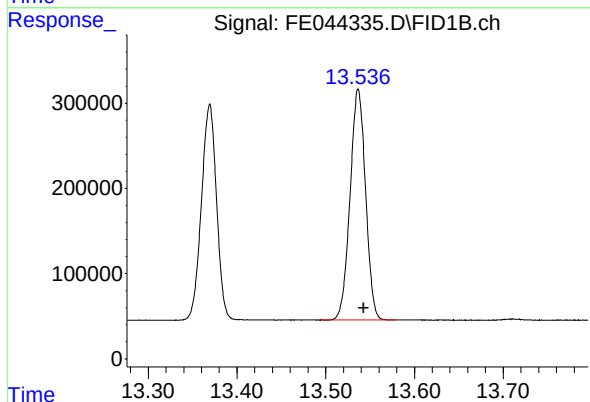
R.T.: 11.931 min
Delta R.T.: -0.006 min
Response: 4028717
Conc: 21.27 ug/ml

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20 PPM ALIPHATIC HC STD



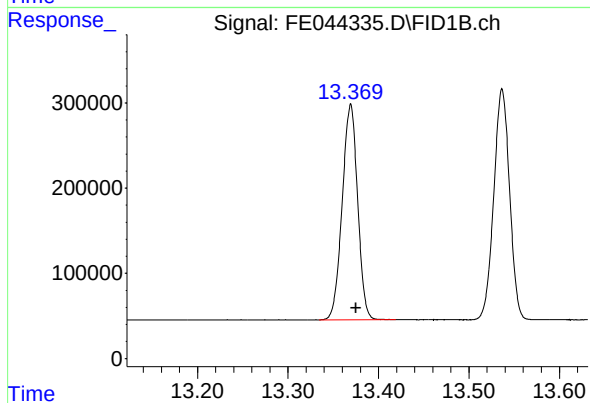
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.006 min
Response: 3356766
Conc: 20.29 ug/ml



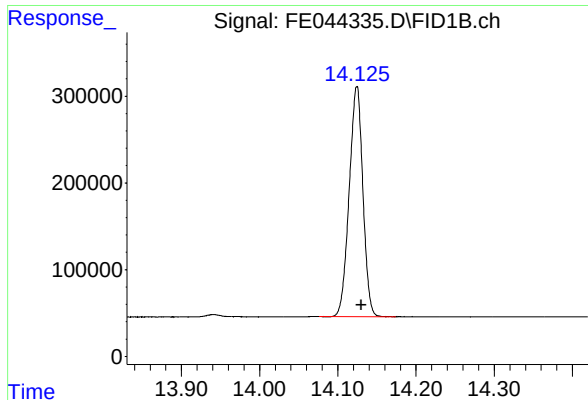
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.006 min
Response: 3286972
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

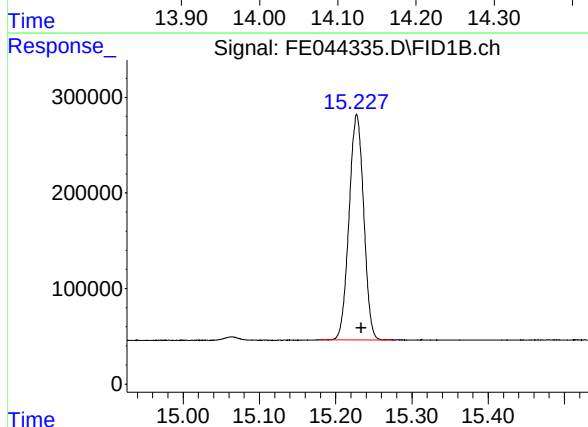
R.T.: 13.369 min
Delta R.T.: -0.006 min
Response: 2997338
Conc: 21.70 ug/ml



#13 n-Docosane (C22)

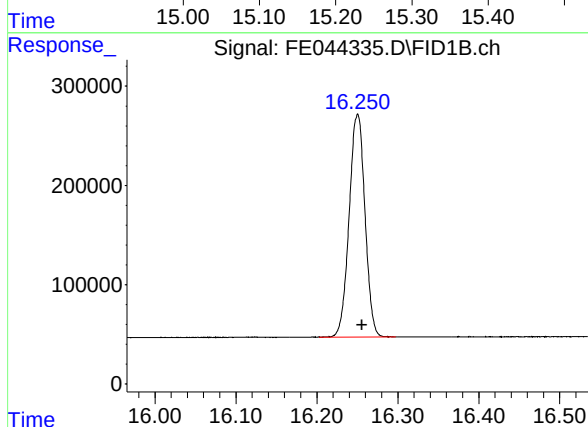
R.T.: 14.124 min
Delta R.T.: -0.006 min
Response: 3232756
Conc: 20.23 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



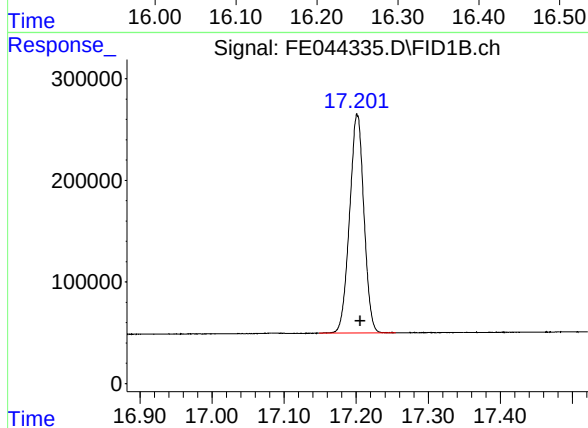
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.006 min
Response: 3148137
Conc: 20.13 ug/ml



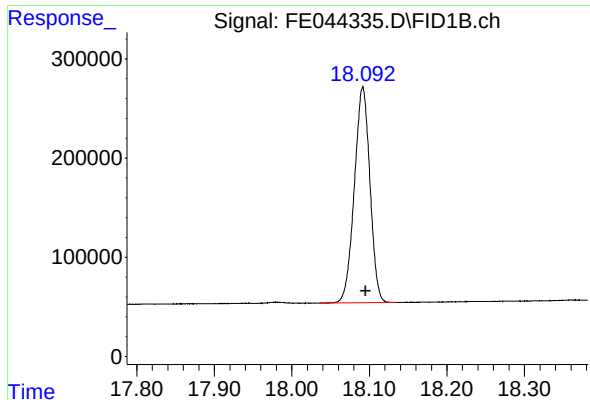
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.005 min
Response: 3052730
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

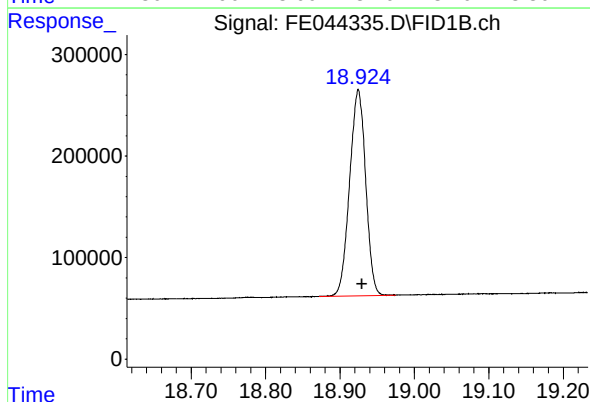
R.T.: 17.202 min
Delta R.T.: -0.004 min
Response: 2980428
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

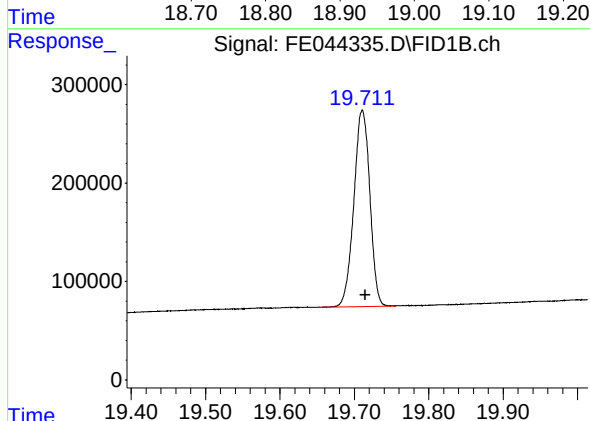
R.T.: 18.091 min
Delta R.T.: -0.003 min
Response: 3034400
Conc: 20.89 ug/ml

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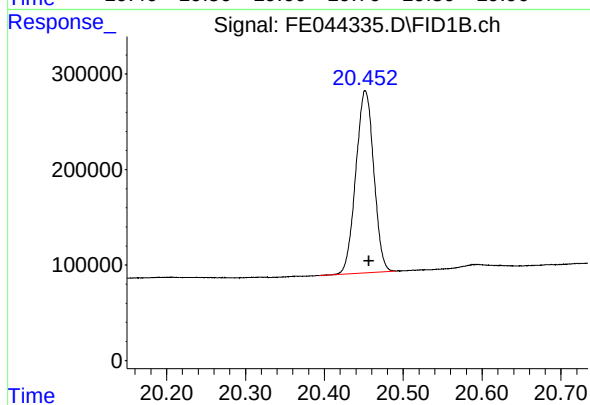
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.005 min
Response: 3037467
Conc: 21.32 ug/ml



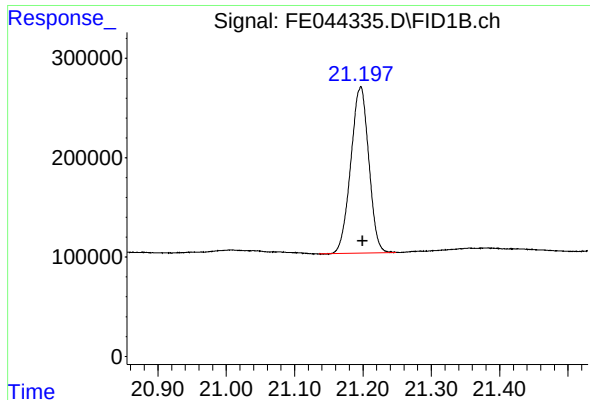
#19 n-Tetatriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.004 min
Response: 2977947
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

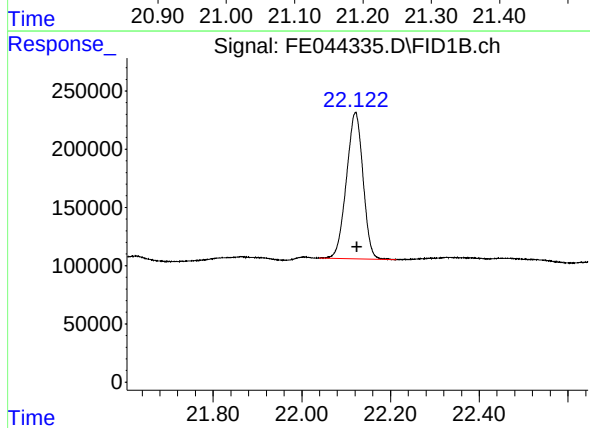
R.T.: 20.452 min
Delta R.T.: -0.005 min
Response: 3010267
Conc: 21.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.003 min
Response: 3061987
Conc: 22.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.002 min
Response: 3255698
Conc: 23.55 ug/ml