

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091323AL\
 Data File : FE044245.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2023 14:05
 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: Sep 13 15:05:39 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	3841503	20.277 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	13.369	2878948	20.840 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.318	3212567	19.693 ug/ml
2) T n-Decane (C10)	4.569	3259079	19.608 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3546509	19.805 ug/ml
4) T n-Dodecane (C12)	6.733	3299963	19.622 ug/ml
5) T A~2-methylnaphthalene...	7.365	3458933	20.176 ug/ml
6) T n-Tetradecane (C14)	8.560	3283414	19.578 ug/ml
7) T n-Hexadecane (C16)	10.169	3335582	19.299 ug/ml
8) T n-Octadecane (C18)	11.613	3337239	19.172 ug/ml
10) T n-Eicosane (C20)	12.924	3219374	19.463 ug/ml
11) T n-Heneicosane (C21)	13.537	3157877	19.523 ug/ml
13) T n-Docosane (C22)	14.124	3106020	19.442 ug/ml
14) T n-Tetracosane (C24)	15.228	3012417	19.264 ug/ml
15) T n-Hexacosane (C26)	16.249	2901049	19.243 ug/ml
16) T n-Octacosane (C28)	17.199	2797019	19.382 ug/ml
17) T n-Tricontane (C30)	18.089	2829085	19.473 ug/ml
18) T n-Dotriacontane (C32)	18.922	2815784	19.767 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2745024	19.616 ug/ml
20) T n-Hexatriacontane (C36)	20.449	2780896	20.285 ug/ml
21) T n-Octatriacontane (C38)	21.192	2797661	20.154 ug/ml
22) T n-Tetracontane (C40)	22.114	2919896	21.119 ug/ml

(f)=RT Delta > 1/2 Window

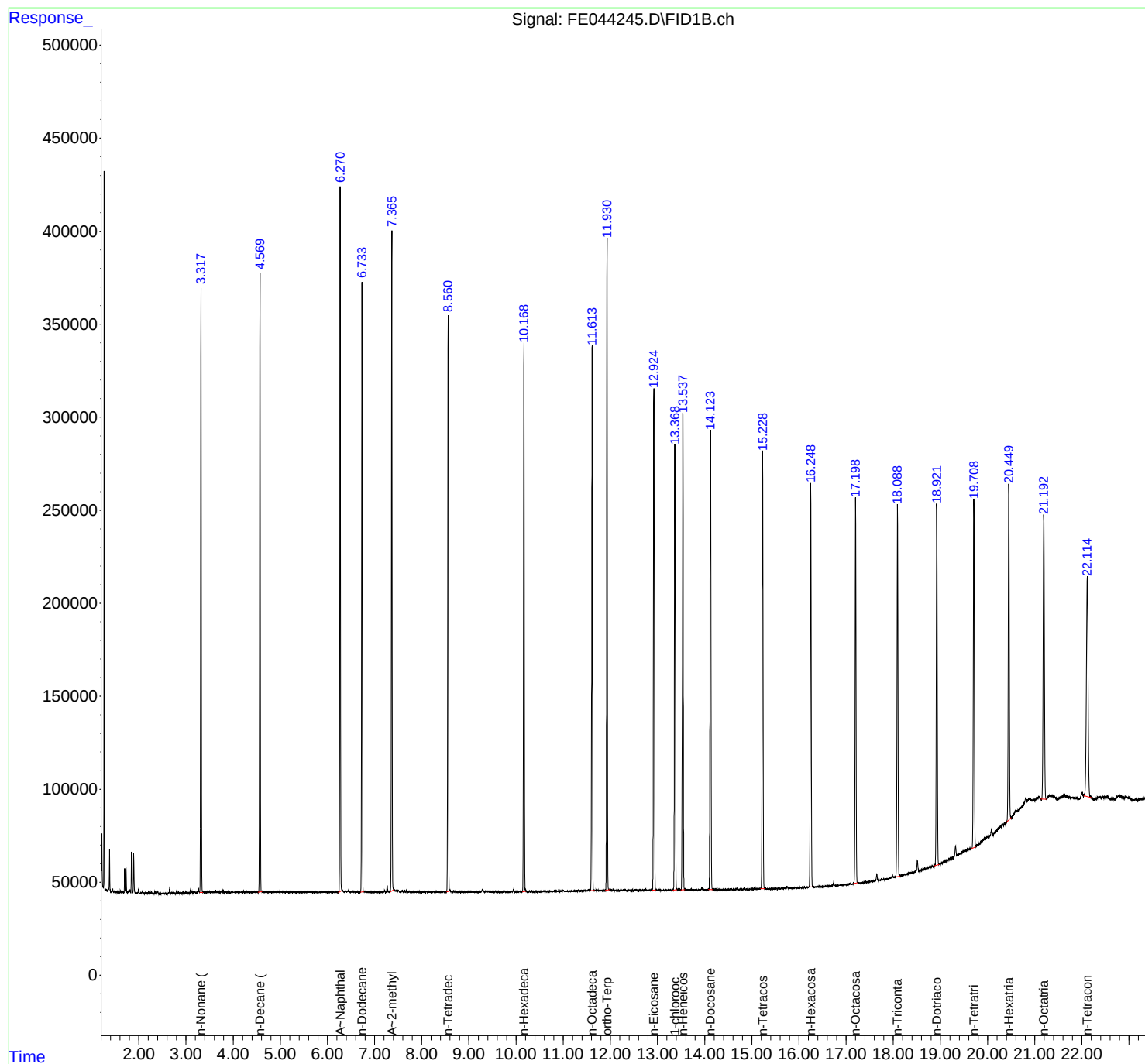
(m)=manual int.

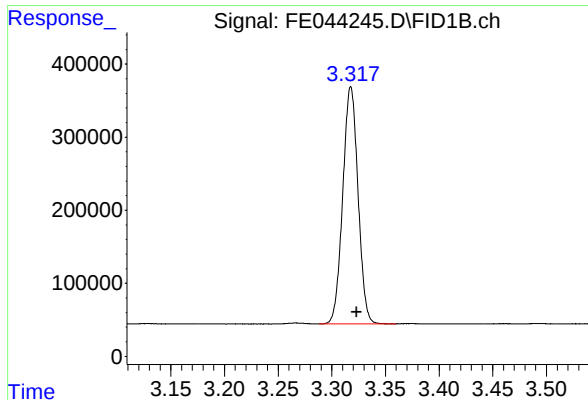
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091323AL\
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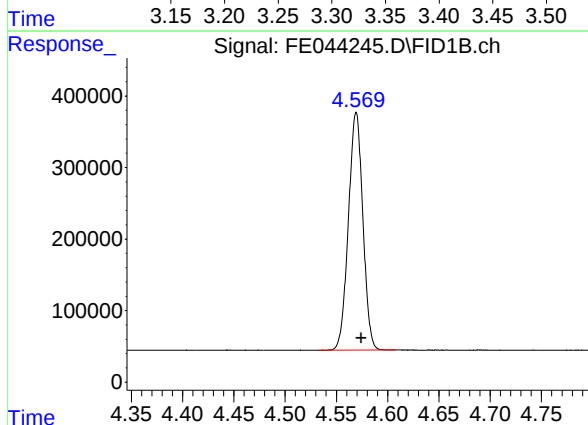




#1 n-Nonane (C9)

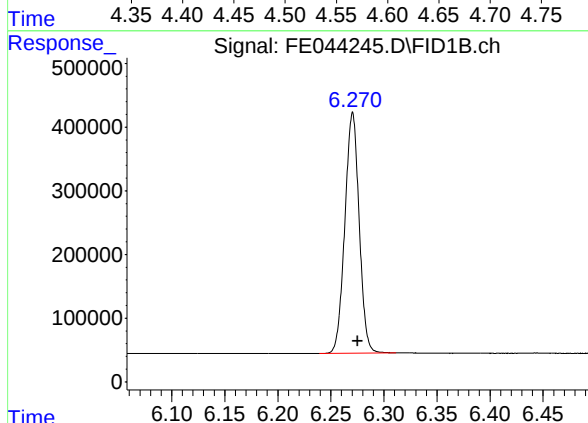
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 3212567
Conc: 19.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



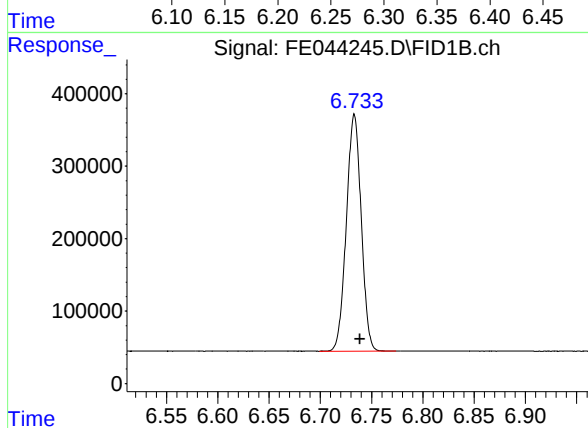
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.005 min
Response: 3259079
Conc: 19.61 ug/ml



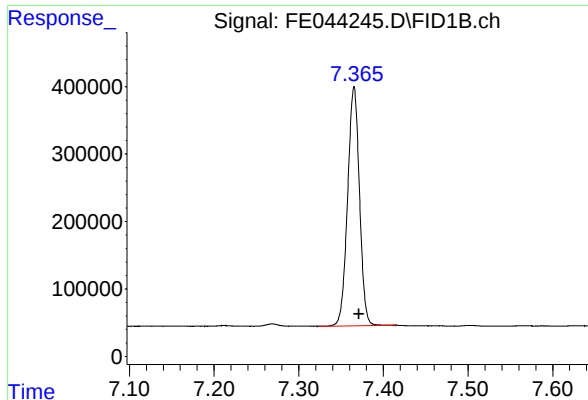
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 3546509
Conc: 19.81 ug/ml



#4 n-Dodecane (C12)

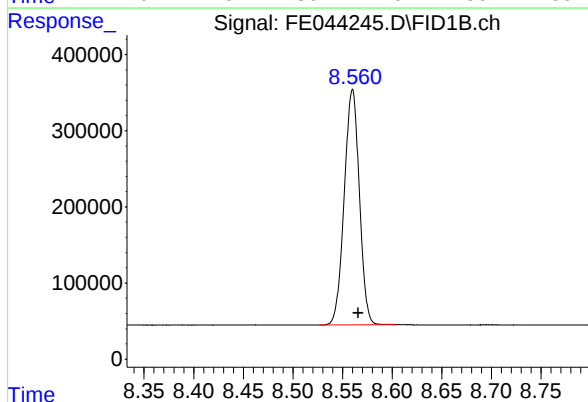
R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 3299963
Conc: 19.62 ug/ml



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

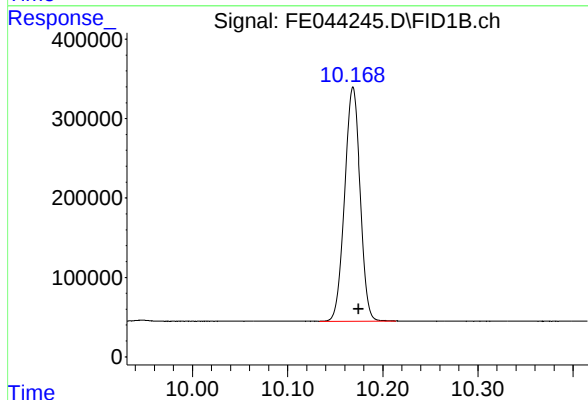
R.T.: 7.365 min
Delta R.T.: -0.006 min
Response: 3458933
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



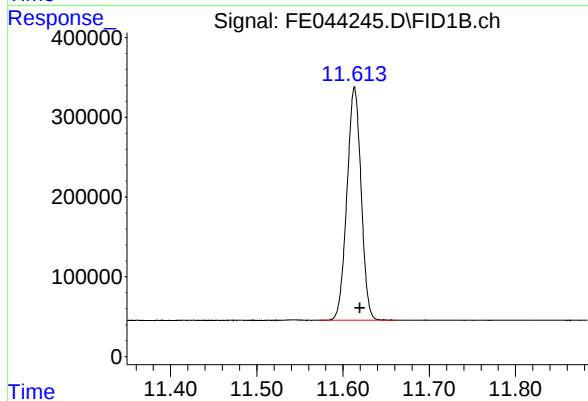
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.006 min
Response: 3283414
Conc: 19.58 ug/ml



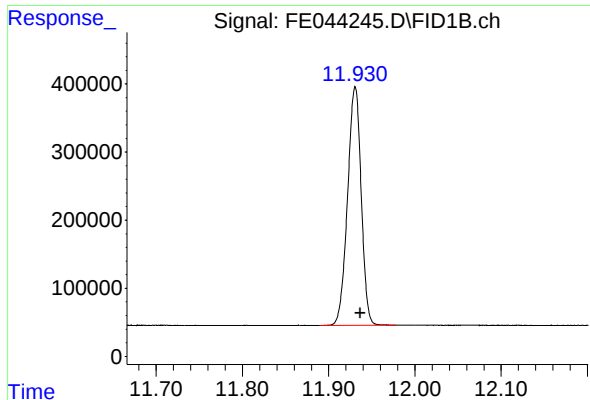
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.006 min
Response: 3335582
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

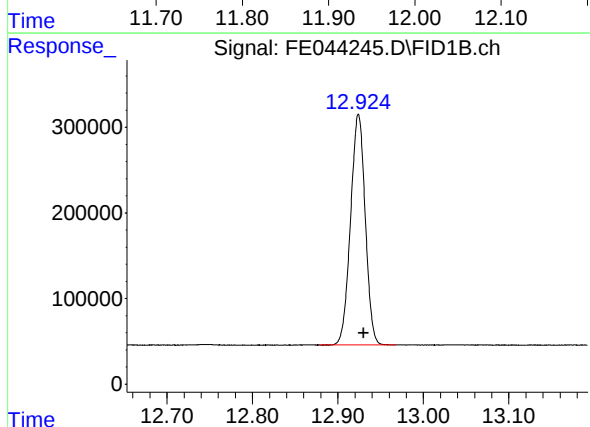
R.T.: 11.613 min
Delta R.T.: -0.006 min
Response: 3337239
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

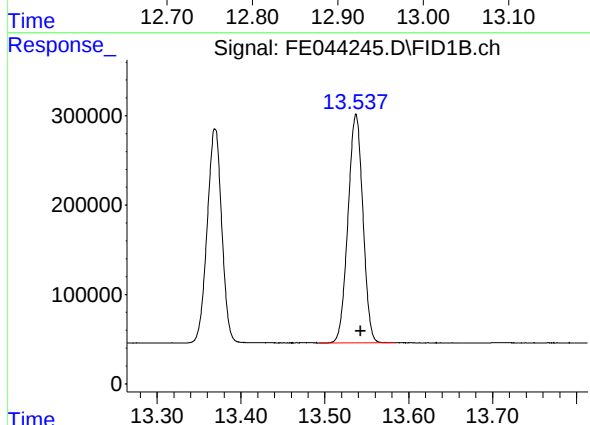
R.T.: 11.931 min
Delta R.T.: -0.006 min
Response: 3841503
Conc: 20.28 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



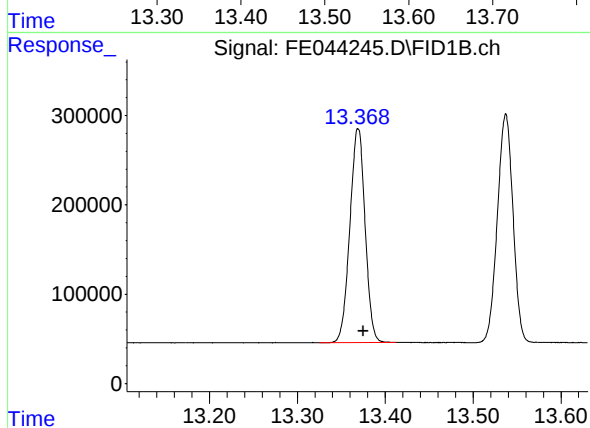
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.006 min
Response: 3219374
Conc: 19.46 ug/ml



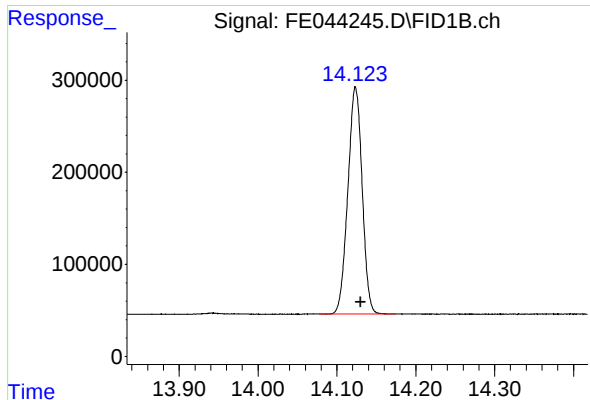
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.005 min
Response: 3157877
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

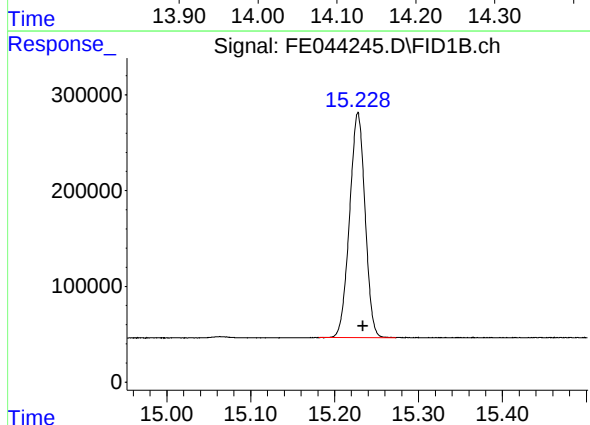
R.T.: 13.369 min
Delta R.T.: -0.006 min
Response: 2878948
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

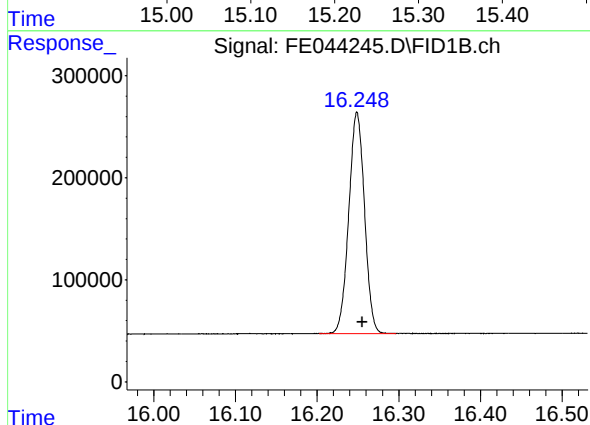
R.T.: 14.124 min
Delta R.T.: -0.007 min
Response: 3106020
Conc: 19.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



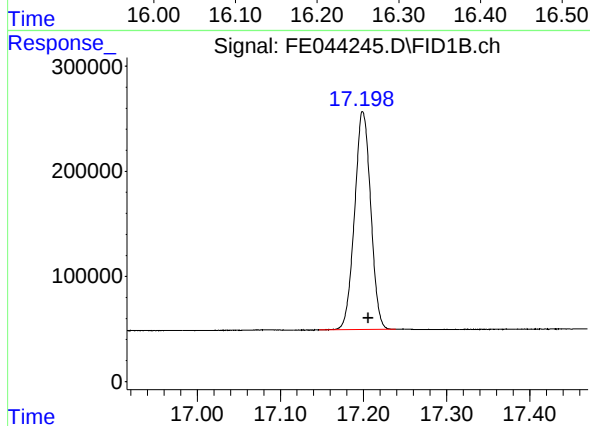
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.006 min
Response: 3012417
Conc: 19.26 ug/ml



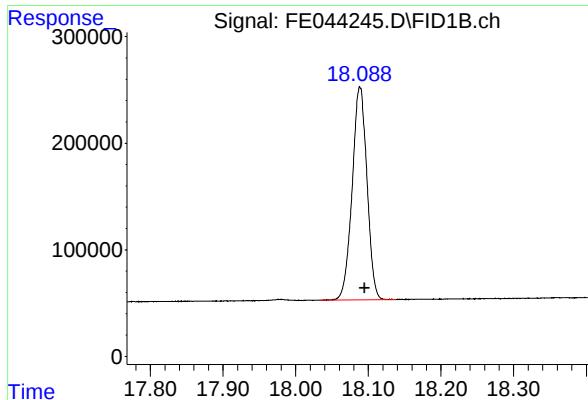
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.007 min
Response: 2901049
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

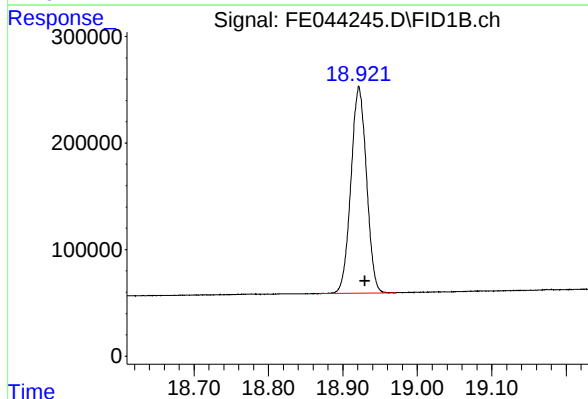
R.T.: 17.199 min
Delta R.T.: -0.007 min
Response: 2797019
Conc: 19.38 ug/ml



#17 n-Tricontane (C30)

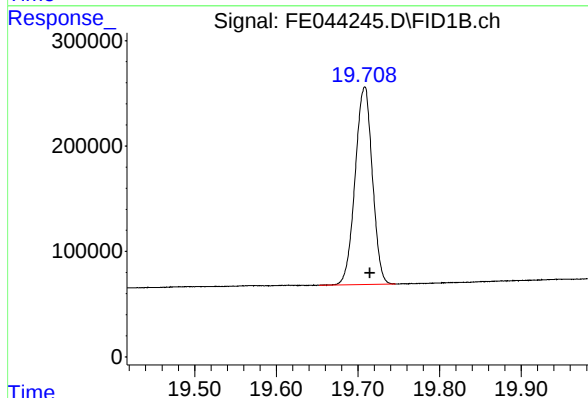
R.T.: 18.089 min
Delta R.T.: -0.006 min
Response: 2829085
Conc: 19.47 ug/ml

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FID_E
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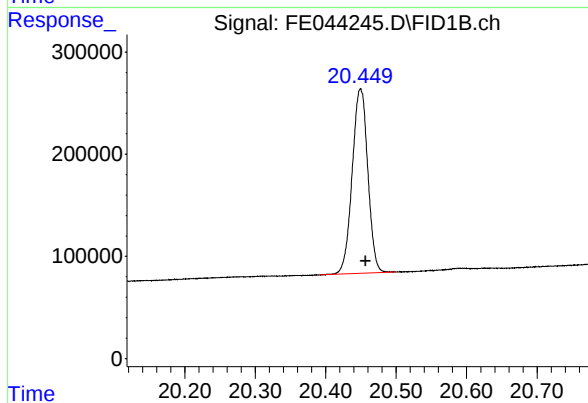
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.008 min
Response: 2815784
Conc: 19.77 ug/ml



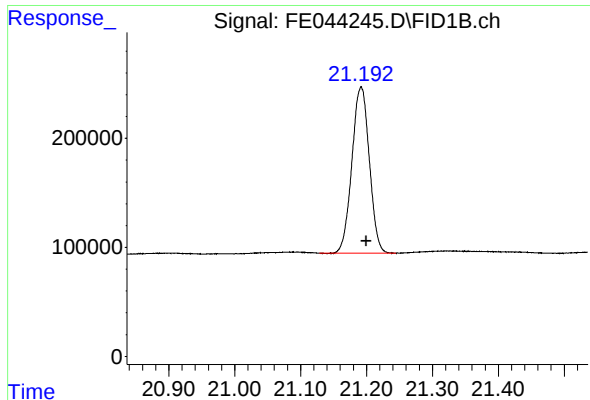
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.006 min
Response: 2745024
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

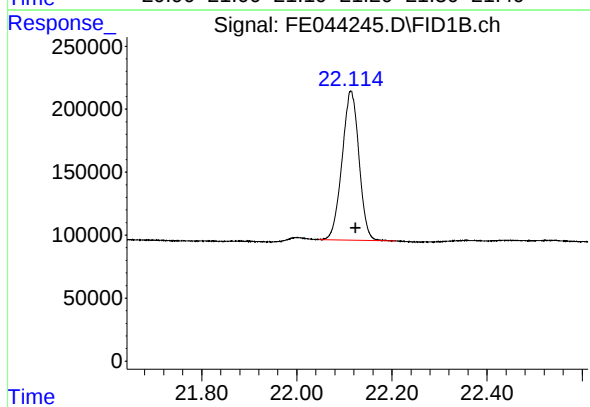
R.T.: 20.449 min
Delta R.T.: -0.007 min
Response: 2780896
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.008 min
Response: 2797661
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.010 min
Response: 2919896
Conc: 21.12 ug/ml