

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062023AL\
 Data File : FE042743.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2023 11:50
 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 20 13:43:07 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)	11.932	3606361	18.624 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.368	2672061	18.532 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
Target Compounds			
1) T n-Nonane (C9)	3.309	3026952	19.370 ug/ml
2) T n-Decane (C10)	4.560	3096231	19.407 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3368512	19.598 ug/ml
4) T n-Dodecane (C12)	6.731	3153447	19.485 ug/ml
5) T A~2-methylnaphthalene...	7.369	3237324	19.555 ug/ml
6) T n-Tetradecane (C14)	8.560	3130195	19.420 ug/ml
7) T n-Hexadecane (C16)	10.169	3231194	19.205 ug/ml
8) T n-Octadecane (C18)	11.612	3254580	18.968 ug/ml
10) T n-Eicosane (C20)	12.922	3104901	18.708 ug/ml
11) T n-Heneicosane (C21)	13.534	3030291	18.601 ug/ml
13) T n-Docosane (C22)	14.121	2979230	18.473 ug/ml
14) T n-Tetracosane (C24)	15.223	2903579	18.381 ug/ml
15) T n-Hexacosane (C26)	16.245	2790629	18.468 ug/ml
16) T n-Octacosane (C28)	17.196	2694493	18.822 ug/ml
17) T n-Tricontane (C30)	18.083	2739623	19.431 ug/ml
18) T n-Dotriacontane (C32)	18.916	2719826	19.983 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2662631	20.138 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2617581	20.353 ug/ml
21) T n-Octatriacontane (C38)	21.186	2626846	20.287 ug/ml
22) T n-Tetracontane (C40)	22.112	2601678	19.959 ug/ml

(f)=RT Delta > 1/2 Window

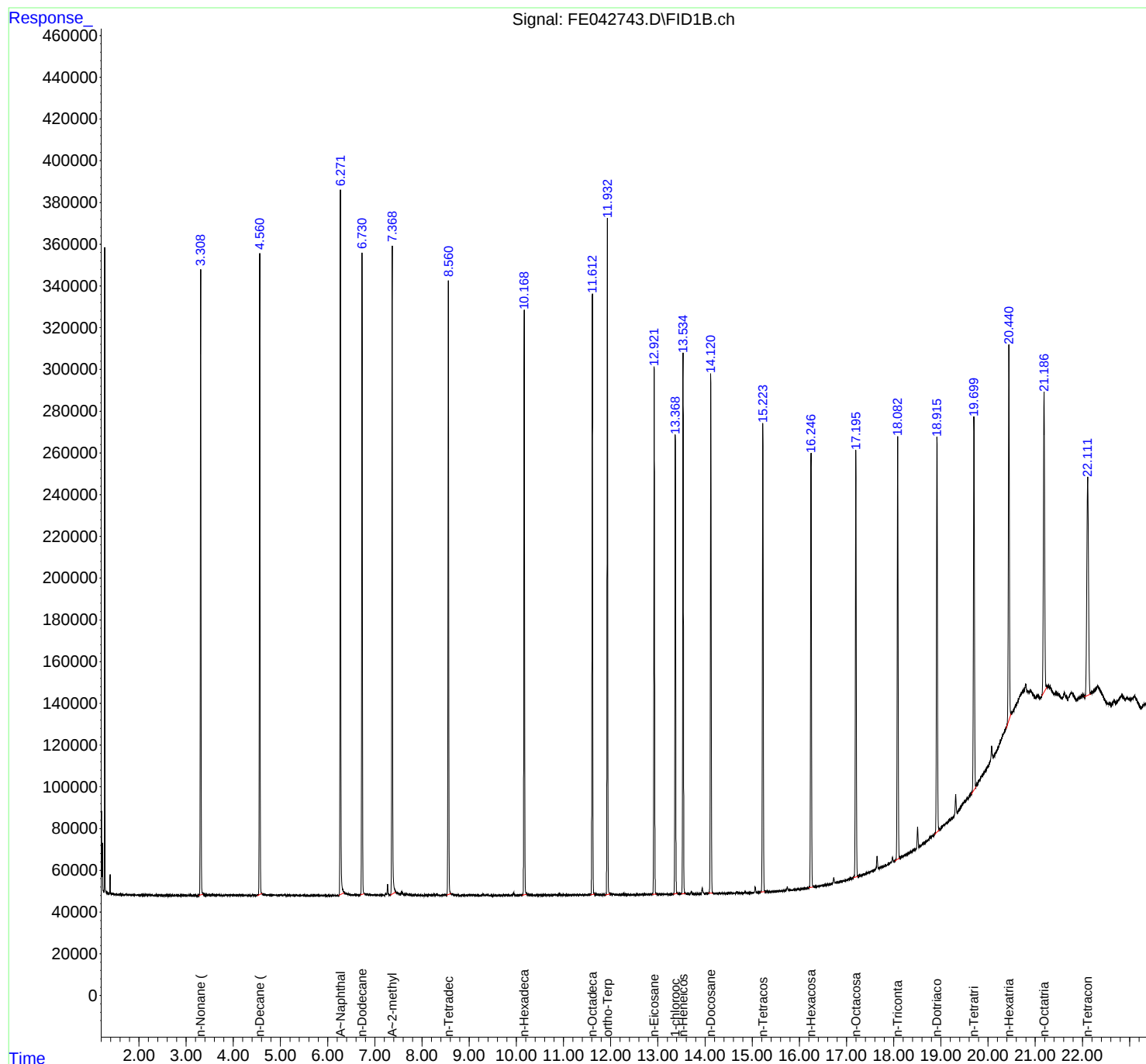
(m)=manual int.

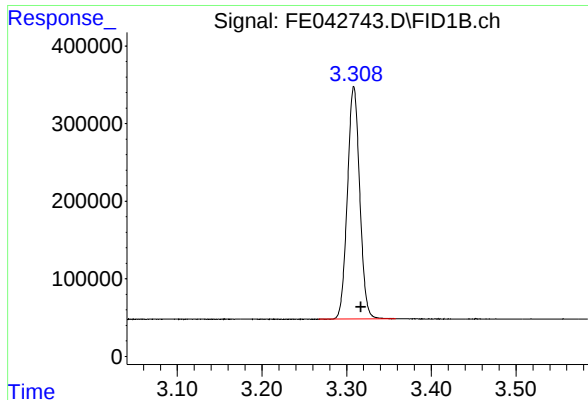
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062023AL\
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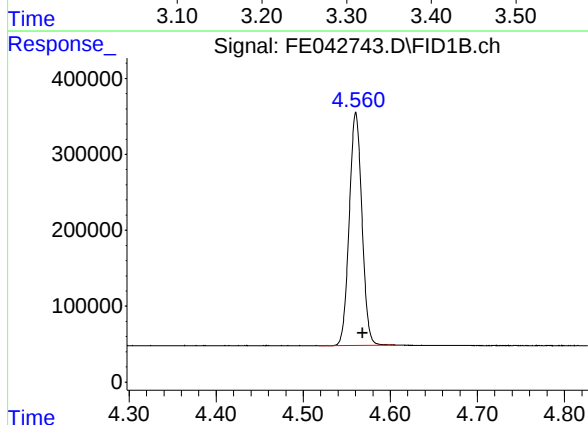




#1 n-Nonane (C9)

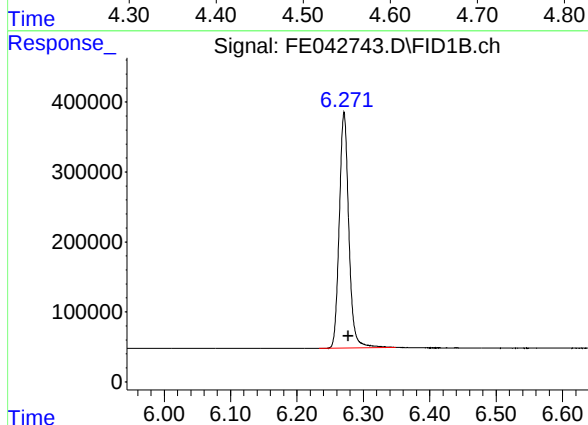
R.T.: 3.309 min
Delta R.T.: -0.008 min
Response: 3026952
Conc: 19.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



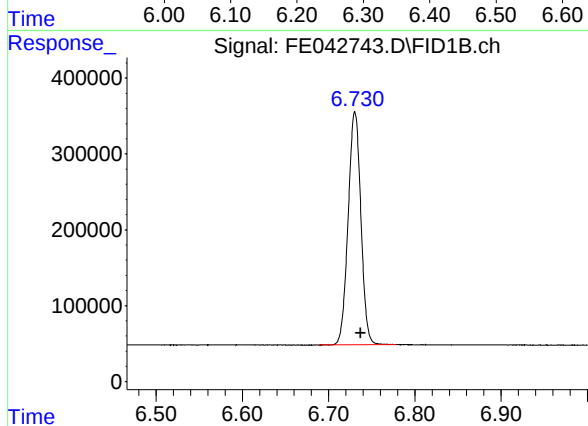
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.008 min
Response: 3096231
Conc: 19.41 ug/ml



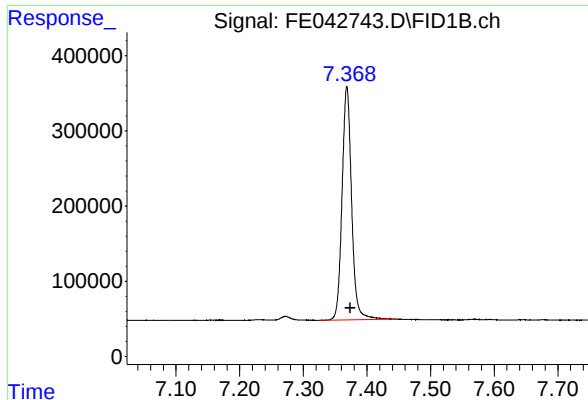
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.006 min
Response: 3368512
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

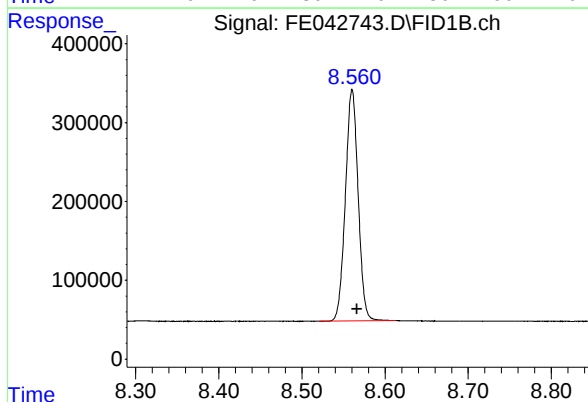
R.T.: 6.731 min
Delta R.T.: -0.006 min
Response: 3153447
Conc: 19.49 ug/ml



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

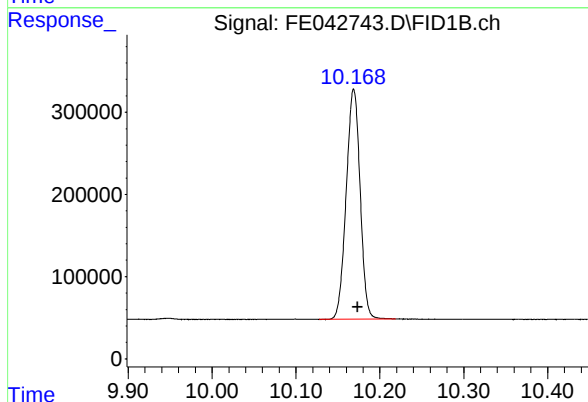
R.T.: 7.369 min
Delta R.T.: -0.006 min
Response: 3237324
Conc: 19.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



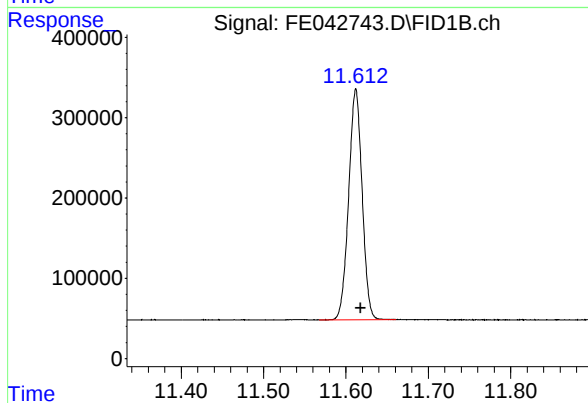
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.006 min
Response: 3130195
Conc: 19.42 ug/ml



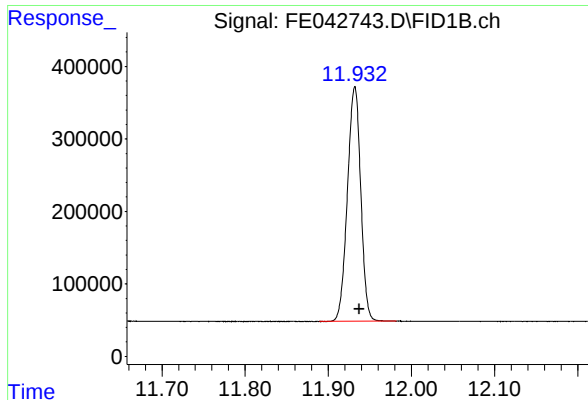
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.005 min
Response: 3231194
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

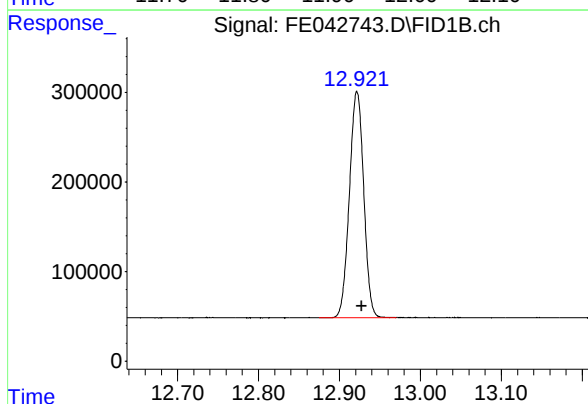
R.T.: 11.612 min
Delta R.T.: -0.006 min
Response: 3254580
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

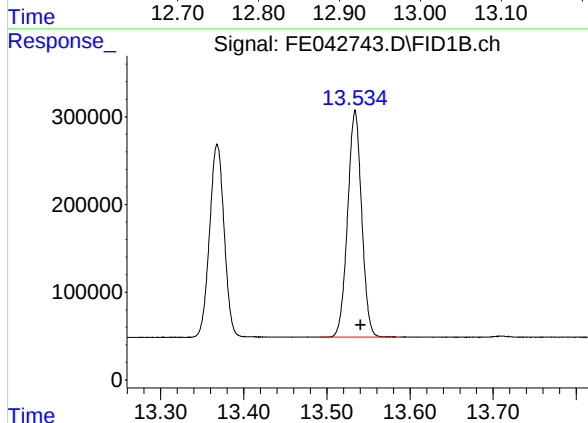
R.T.: 11.932 min
Delta R.T.: -0.005 min
Response: 3606361
Conc: 18.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



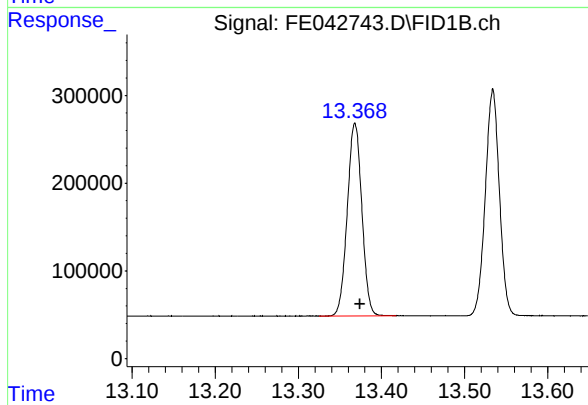
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.006 min
Response: 3104901
Conc: 18.71 ug/ml



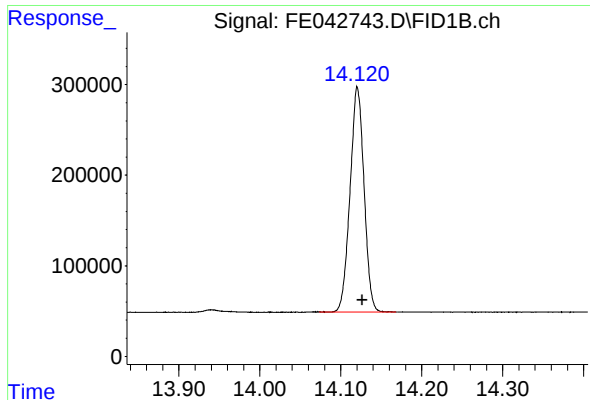
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.006 min
Response: 3030291
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

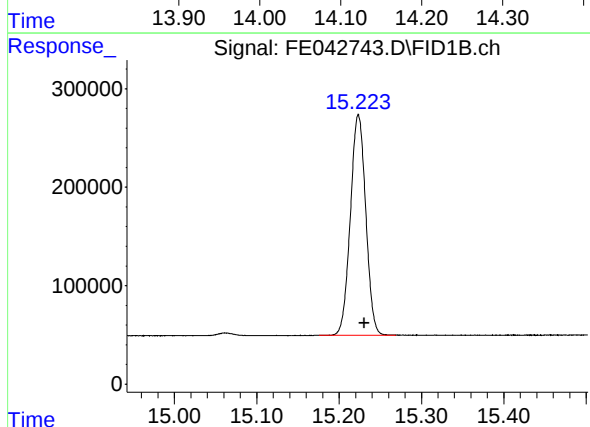
R.T.: 13.368 min
Delta R.T.: -0.006 min
Response: 2672061
Conc: 18.53 ug/ml



#13 n-Docosane (C22)

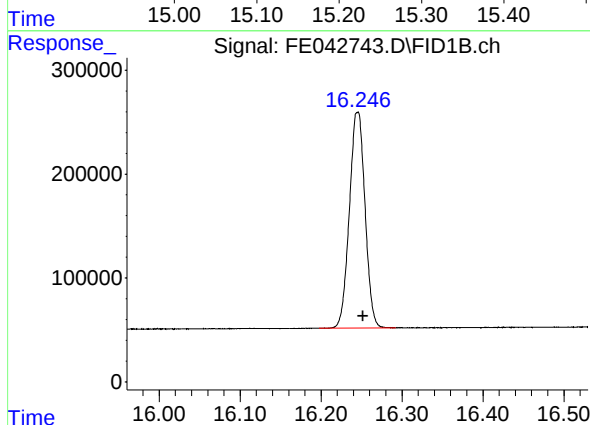
R.T.: 14.121 min
Delta R.T.: -0.006 min
Response: 2979230
Conc: 18.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



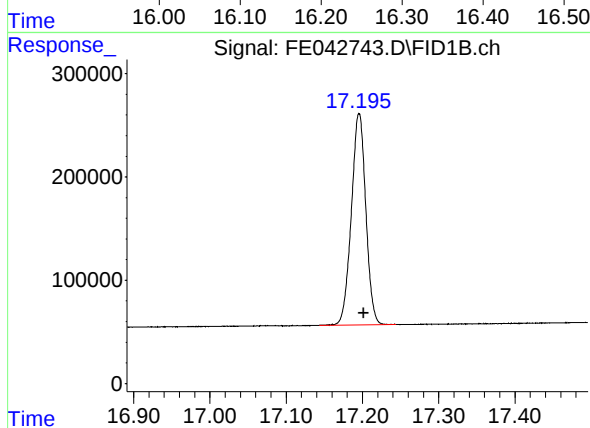
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.007 min
Response: 2903579
Conc: 18.38 ug/ml



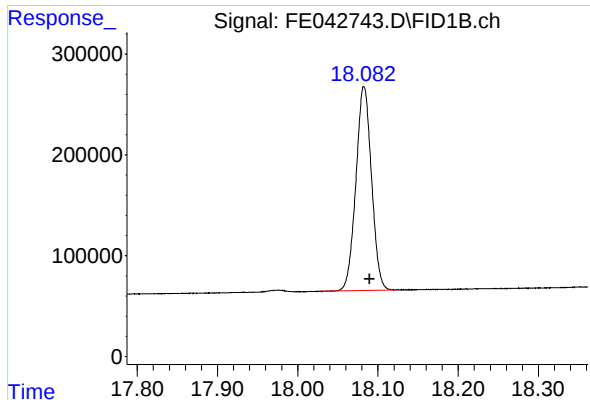
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.007 min
Response: 2790629
Conc: 18.47 ug/ml



#16 n-Octacosane (C28)

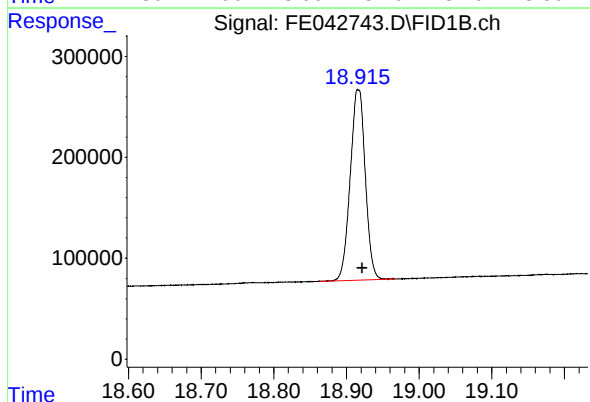
R.T.: 17.196 min
Delta R.T.: -0.006 min
Response: 2694493
Conc: 18.82 ug/ml



#17 n-Tricontane (C30)

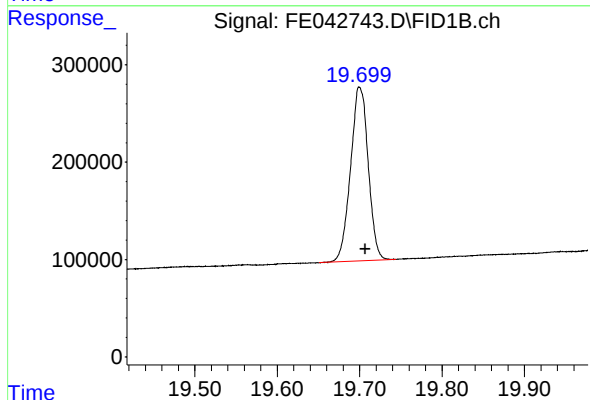
R.T.: 18.083 min
Delta R.T.: -0.007 min
Response: 2739623
Conc: 19.43 ug/ml

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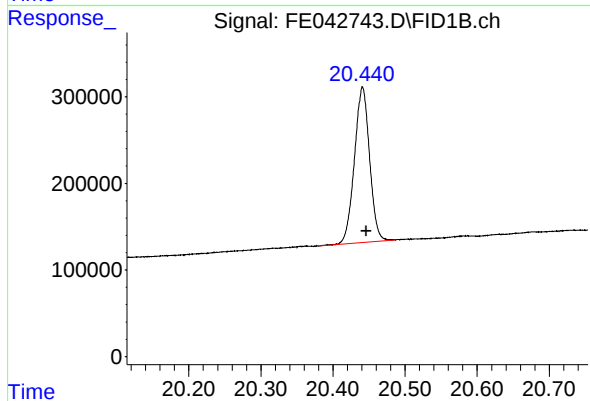
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.006 min
Response: 2719826
Conc: 19.98 ug/ml



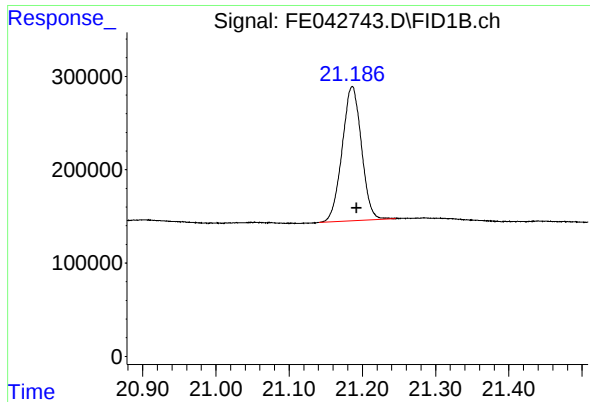
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.007 min
Response: 2662631
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

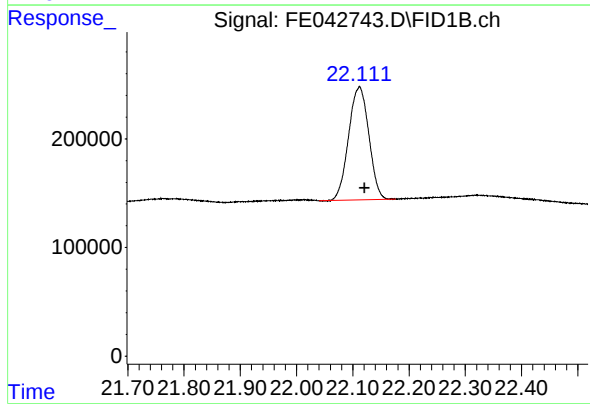
R.T.: 20.441 min
Delta R.T.: -0.005 min
Response: 2617581
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.006 min
Response: 2626846
Conc: 20.29 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: -0.009 min
Response: 2601678
Conc: 19.96 ug/ml