

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102424AL\
 Data File : FE050807.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2024 08:06
 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: Oct 24 10:49:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.860	3265749	20.714 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	13.294	2481410	20.977 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.247	2948537	20.869 ug/ml
2) T n-Decane (C10)	4.498	3052100	21.273 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3059745	21.398 ug/ml
4) T n-Dodecane (C12)	6.666	3074498	21.361 ug/ml
5) T A~2-methylnaphthalene...	7.306	2840610	21.442 ug/ml
6) T n-Tetradecane (C14)	8.493	3037760	21.233 ug/ml
7) T n-Hexadecane (C16)	10.098	3114972	21.166 ug/ml
8) T n-Octadecane (C18)	11.540	3125303	20.923 ug/ml
10) T n-Eicosane (C20)	12.848	2982710	20.800 ug/ml
11) T n-Heneicosane (C21)	13.459	2920421	20.796 ug/ml
13) T n-Docosane (C22)	14.044	2900744	20.676 ug/ml
14) T n-Tetracosane (C24)	15.146	2902930	20.548 ug/ml
15) T n-Hexacosane (C26)	16.165	2910585	20.684 ug/ml
16) T n-Octacosane (C28)	17.116	2940749	20.097 ug/ml
17) T n-Tricontane (C30)	18.001	3218277	20.240 ug/ml
18) T n-Dotriacontane (C32)	18.833	3336797	20.583 ug/ml
19) T n-Tetratriacontane (C34)	19.616	3008139	20.479 ug/ml
20) T n-Hexatriacontane (C36)	20.355	2623771	20.690 ug/ml
21) T n-Octatriacontane (C38)	21.080	2453153	19.840 ug/ml
22) T n-Tetracontane (C40)	21.966	1995181	17.918 ug/ml

(f)=RT Delta > 1/2 Window

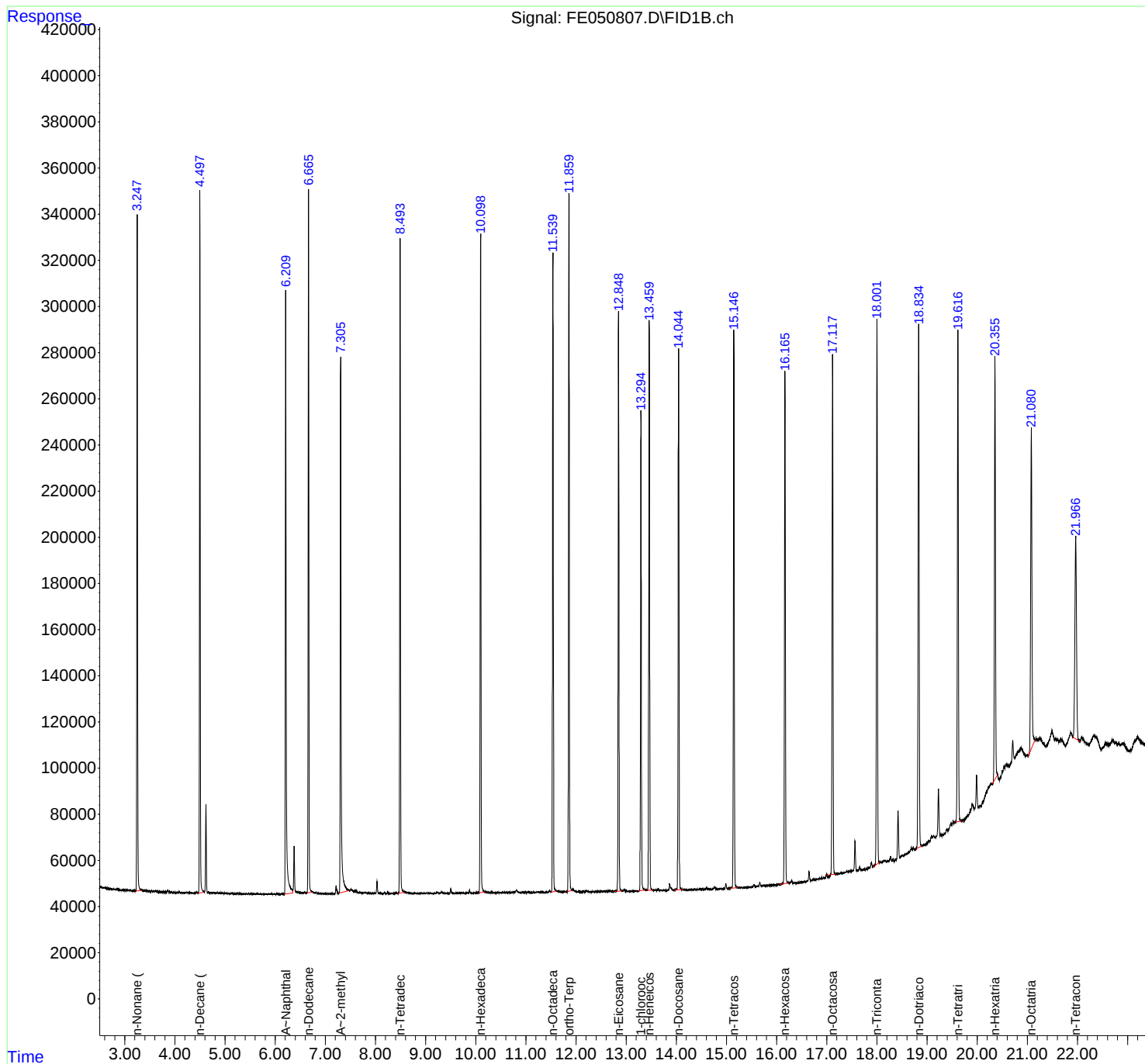
(m)=manual int.

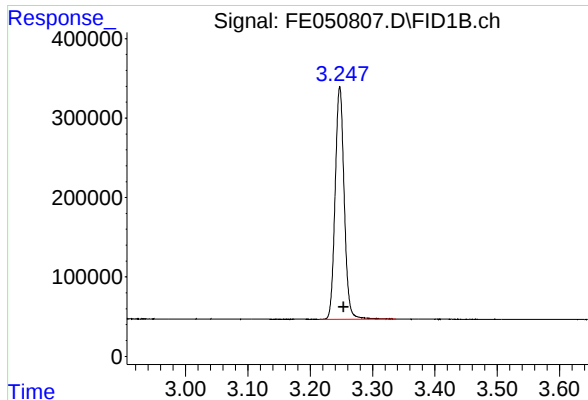
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102424AL\
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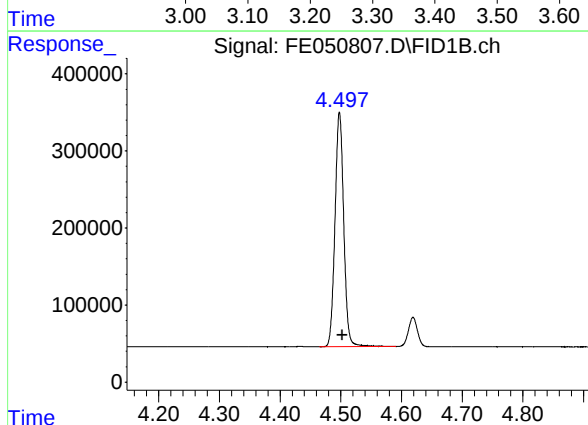




#1 n-Nonane (C9)

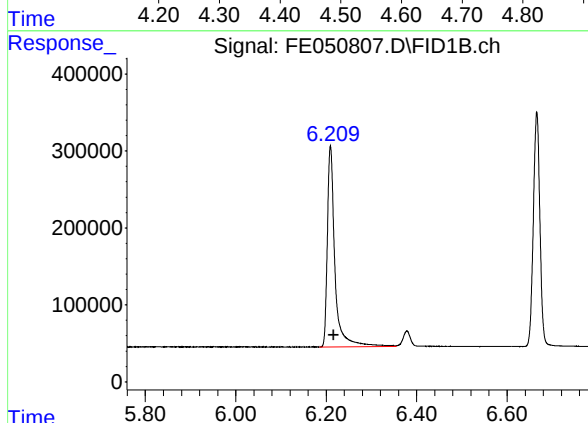
R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 2948537
Conc: 20.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



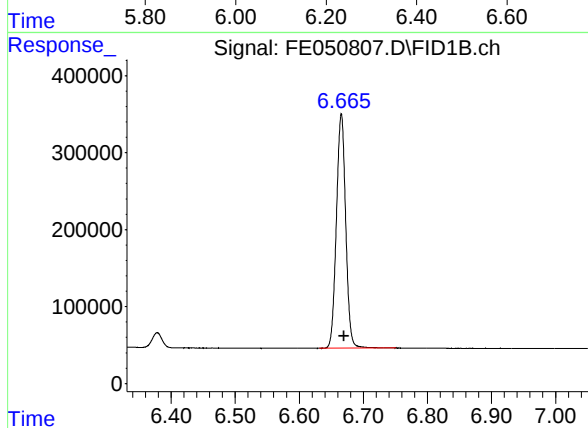
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 3052100
Conc: 21.27 ug/ml



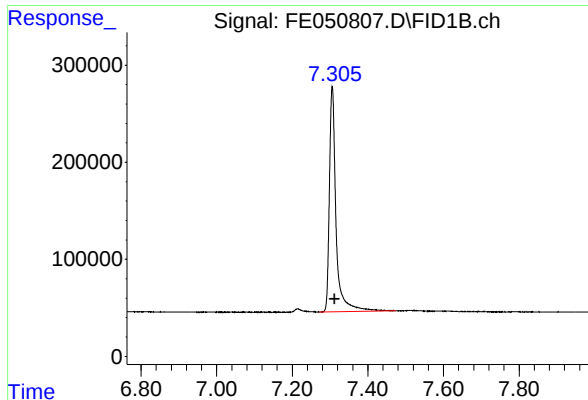
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 3059745
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

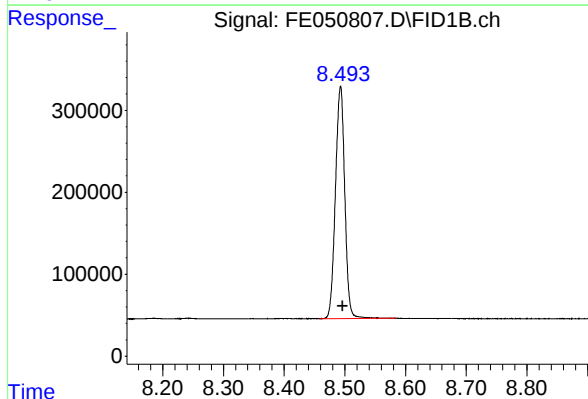
R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 3074498
Conc: 21.36 ug/ml



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

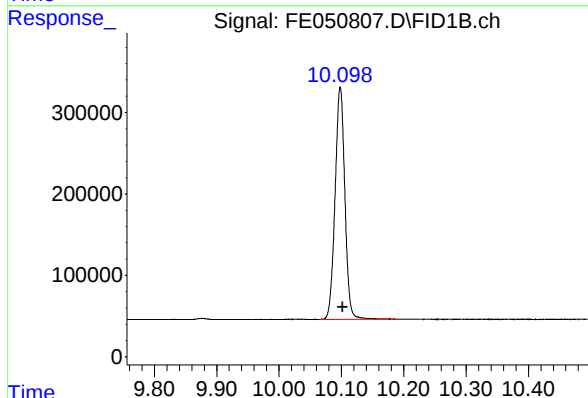
R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 2840610
Conc: 21.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



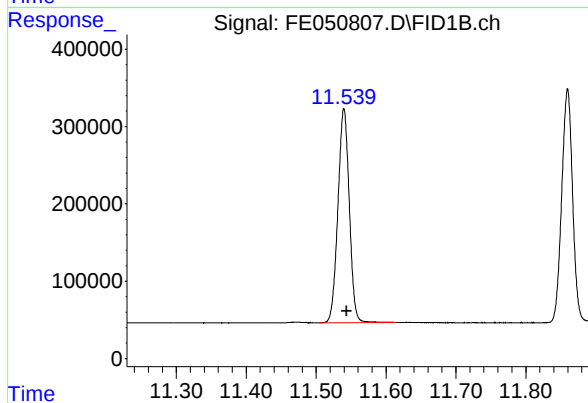
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.004 min
Response: 3037760
Conc: 21.23 ug/ml



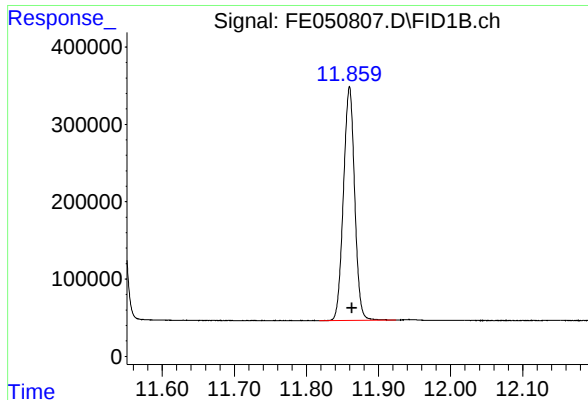
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.004 min
Response: 3114972
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

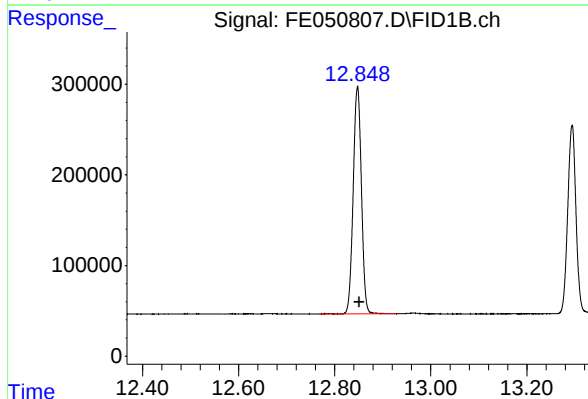
R.T.: 11.540 min
Delta R.T.: -0.004 min
Response: 3125303
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

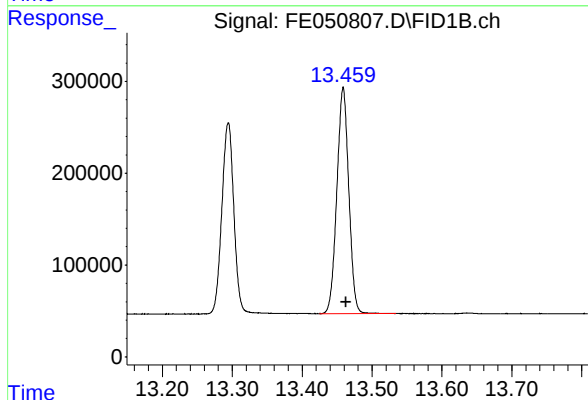
R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 3265749
Conc: 20.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



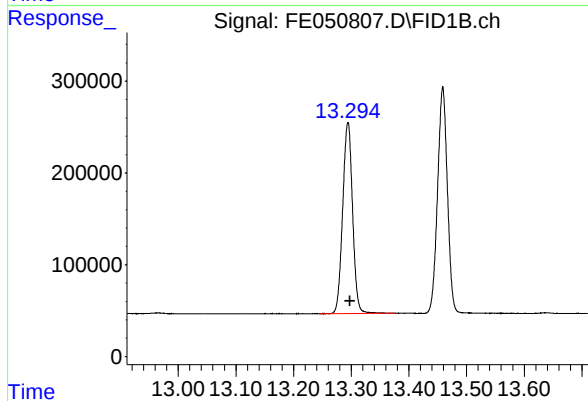
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.004 min
Response: 2982710
Conc: 20.80 ug/ml



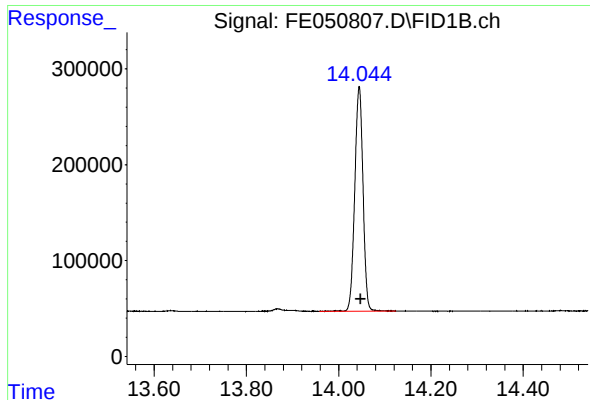
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.004 min
Response: 2920421
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

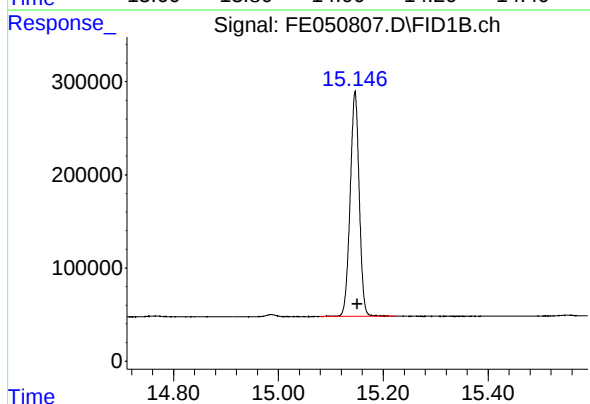
R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 2481410
Conc: 20.98 ug/ml



#13 n-Docosane (C22)

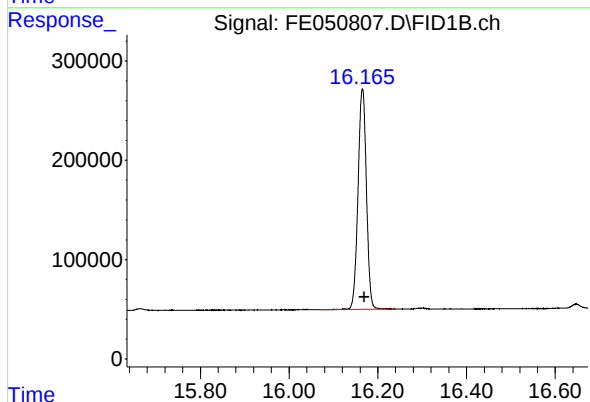
R.T.: 14.044 min
Delta R.T.: -0.003 min
Response: 2900744
Conc: 20.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



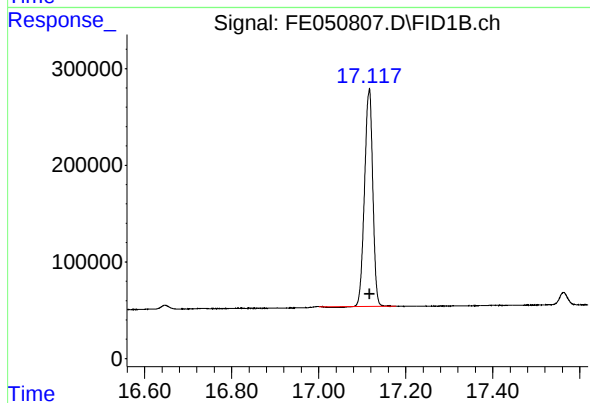
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.004 min
Response: 2902930
Conc: 20.55 ug/ml



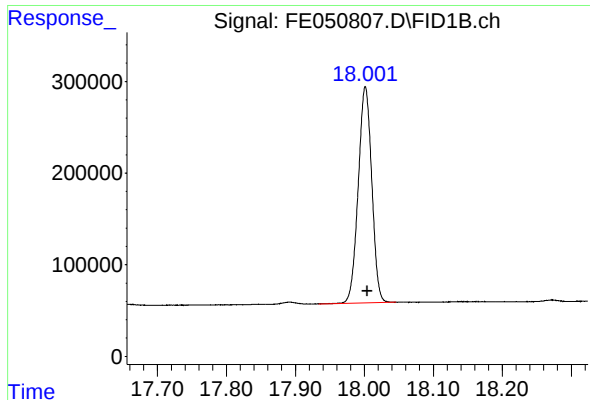
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.004 min
Response: 2910585
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

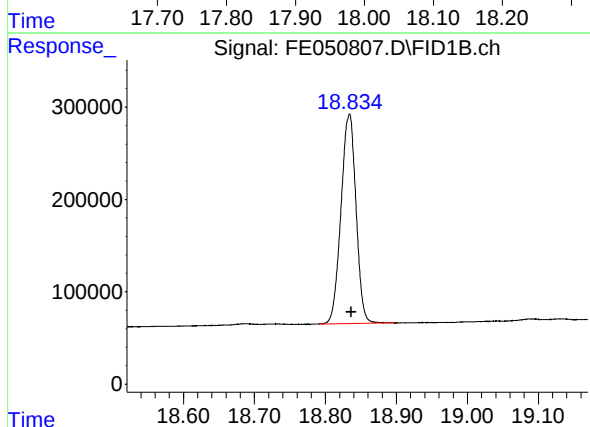
R.T.: 17.116 min
Delta R.T.: -0.001 min
Response: 2940749
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

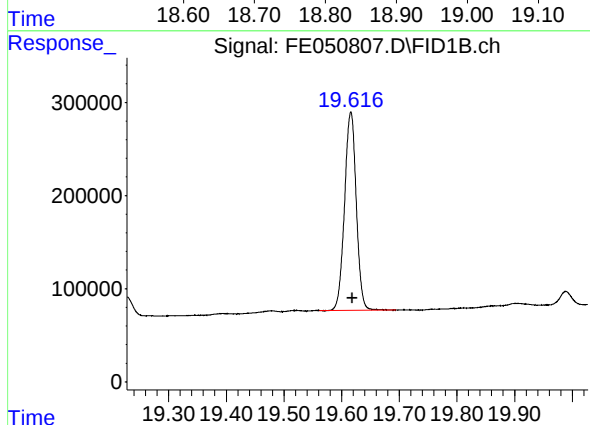
R.T.: 18.001 min
Delta R.T.: -0.003 min
Response: 3218277
Conc: 20.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



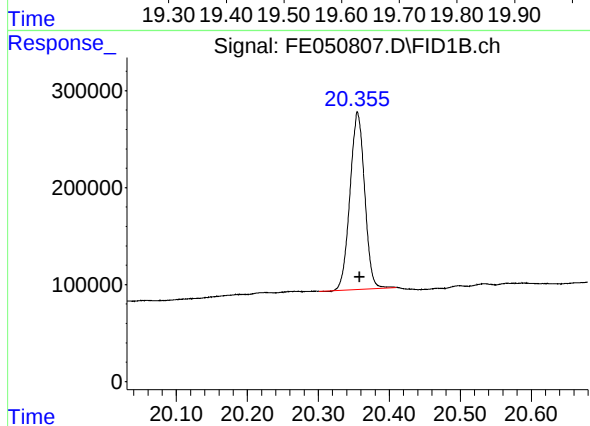
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.003 min
Response: 3336797
Conc: 20.58 ug/ml



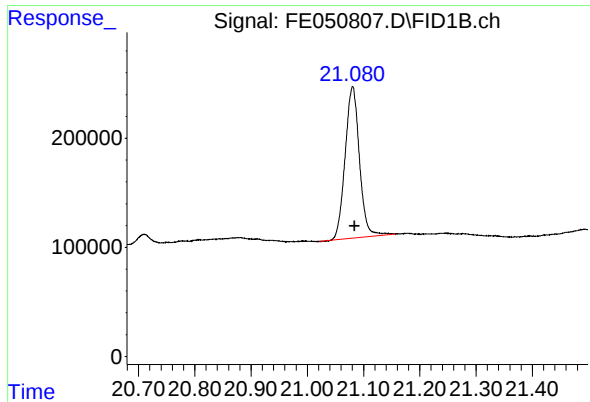
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.003 min
Response: 3008139
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

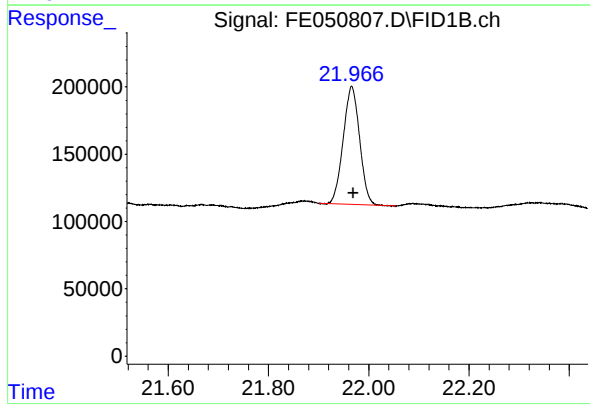
R.T.: 20.355 min
Delta R.T.: -0.003 min
Response: 2623771
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.004 min
Response: 2453153
Conc: 19.84 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.003 min
Response: 1995181
Conc: 17.92 ug/ml