

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031325AL\
 Data File : FE052793.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2025 23:31
 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: Mar 14 12:36:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.907	3105095	18.418 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
12) S 1-chlorooctadecane (S...	13.352	2317722	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.247	2837183	18.298 ug/ml
2) T n-Decane (C10)	4.509	2954271	18.806 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3171205	18.699 ug/ml
4) T n-Dodecane (C12)	6.691	2951100	18.954 ug/ml
5) T A~2-methylnaphthalene...	7.325	3040981	18.765 ug/ml
6) T n-Tetradecane (C14)	8.527	2893006	19.120 ug/ml
7) T n-Hexadecane (C16)	10.142	2922041	19.112 ug/ml
8) T n-Octadecane (C18)	11.591	2885619	18.967 ug/ml
10) T n-Eicosane (C20)	12.906	2728440	18.794 ug/ml
11) T n-Heneicosane (C21)	13.520	2660258	18.691 ug/ml
13) T n-Docosane (C22)	14.109	2668397	18.751 ug/ml
14) T n-Tetracosane (C24)	15.215	2736646	19.123 ug/ml
15) T n-Hexacosane (C26)	16.239	2737336	19.251 ug/ml
16) T n-Octacosane (C28)	17.191	2834630	19.935 ug/ml
17) T n-Tricontane (C30)	18.082	3012816	20.398 ug/ml
18) T n-Dotriacontane (C32)	18.916	3032757	20.890 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2768801	20.543 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2476849	20.845 ug/ml
21) T n-Octatriacontane (C38)	21.184	2320175	20.914 ug/ml
22) T n-Tetracontane (C40)	22.103	2279579	21.085 ug/ml

(f)=RT Delta > 1/2 Window

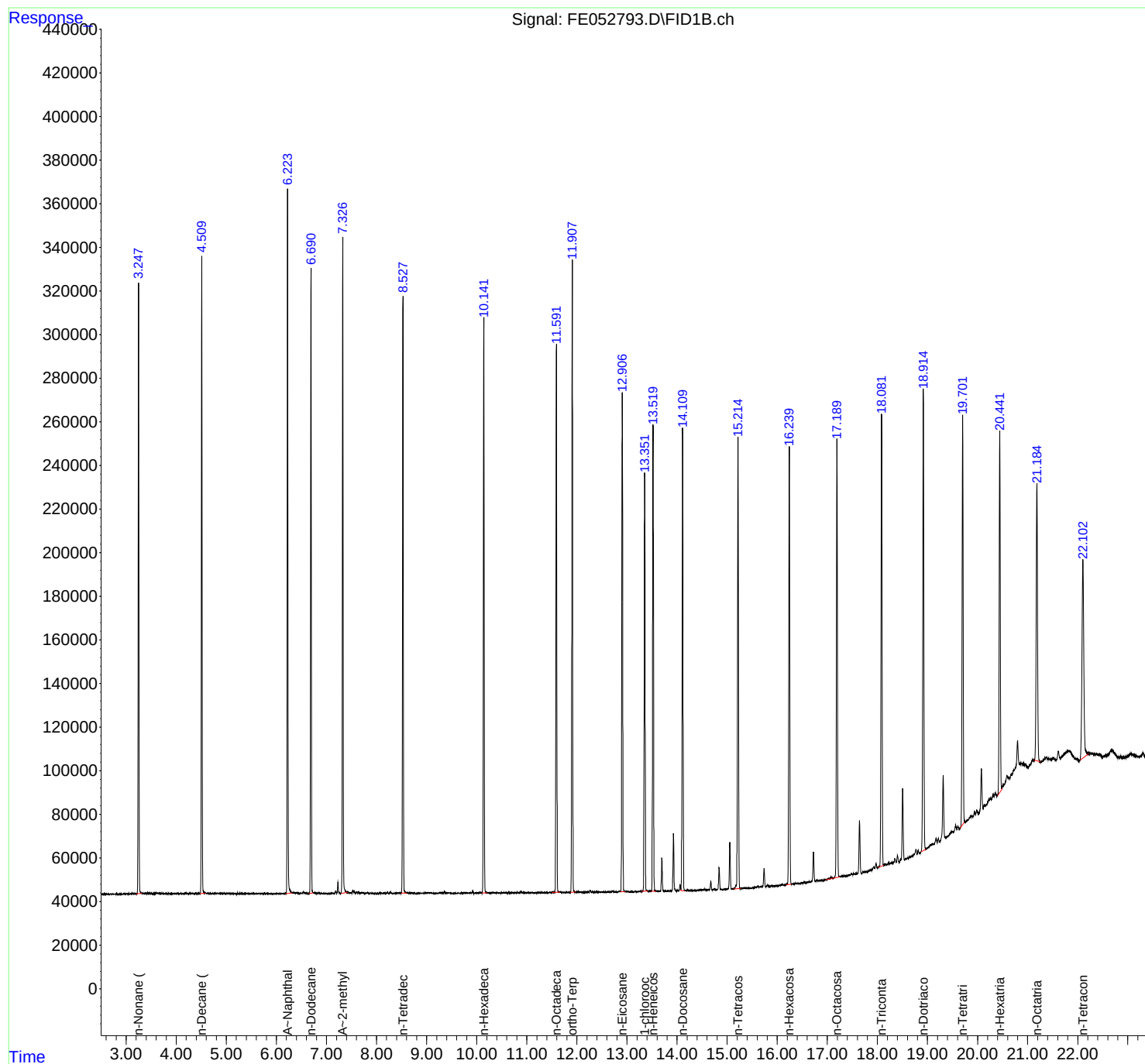
(m)=manual int.

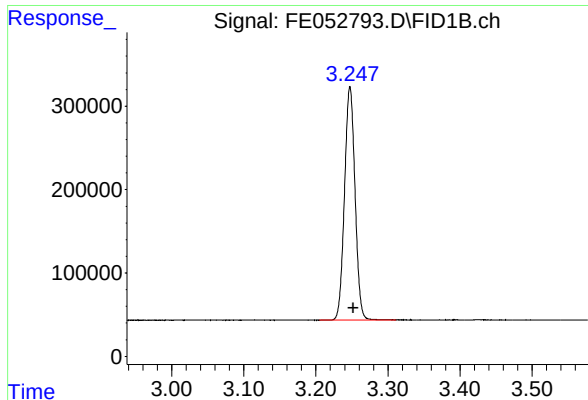
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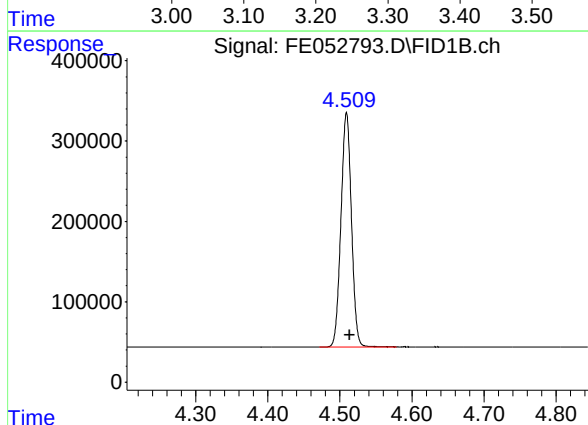




#1 n-Nonane (C9)

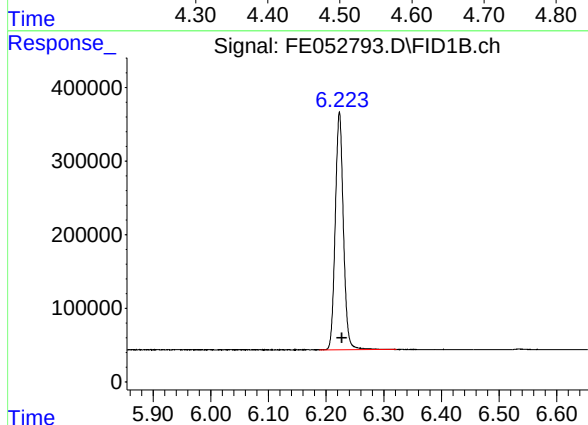
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 2837183
Conc: 18.30 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



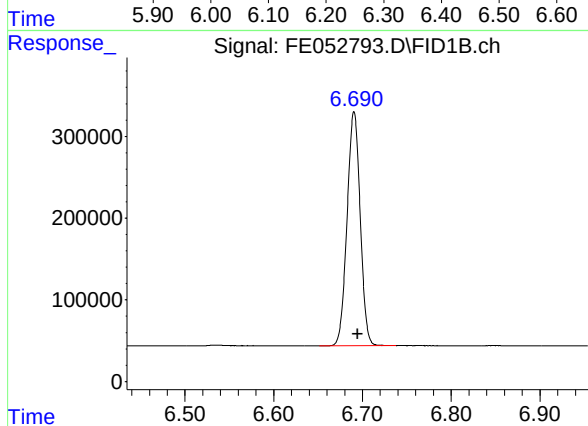
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 2954271
Conc: 18.81 ug/ml



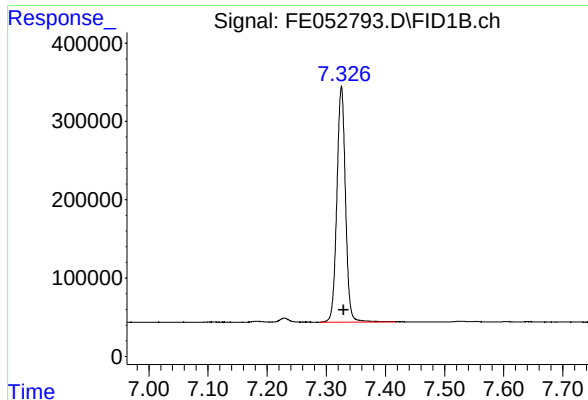
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 3171205
Conc: 18.70 ug/ml



#4 n-Dodecane (C12)

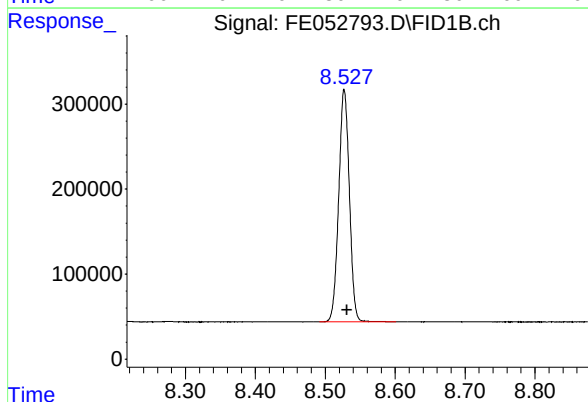
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 2951100
Conc: 18.95 ug/ml



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

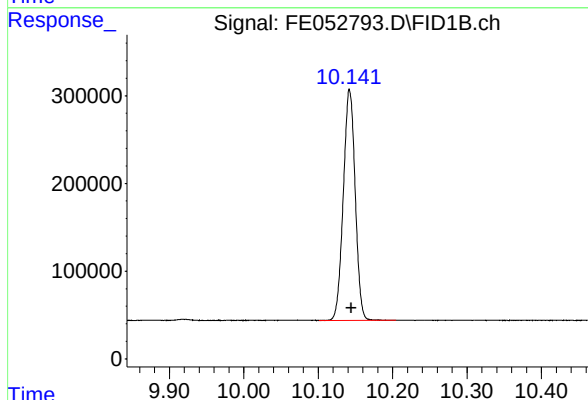
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 3040981
Conc: 18.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



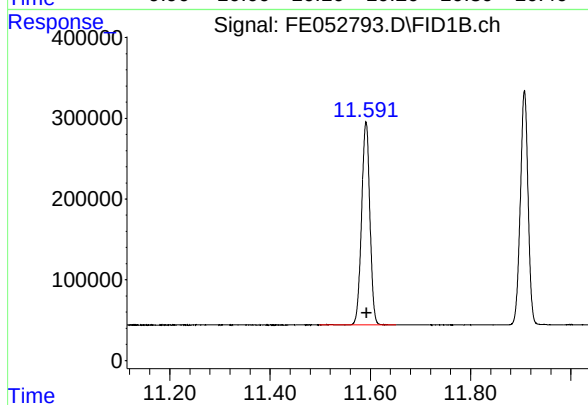
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 2893006
Conc: 19.12 ug/ml



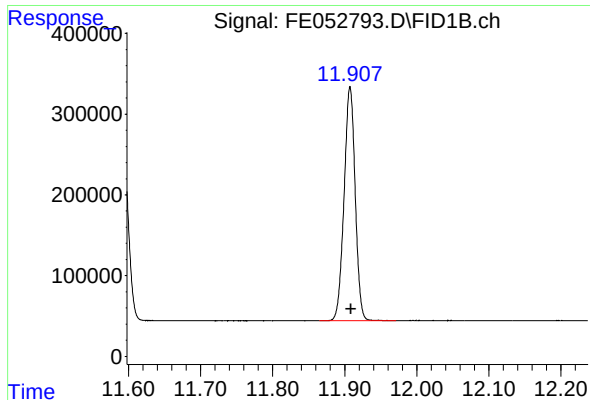
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.002 min
Response: 2922041
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

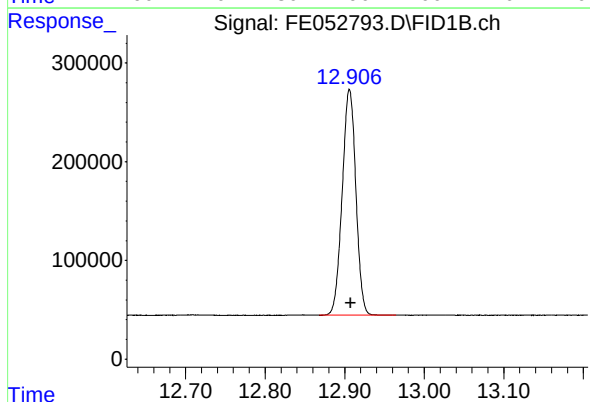
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 2885619
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

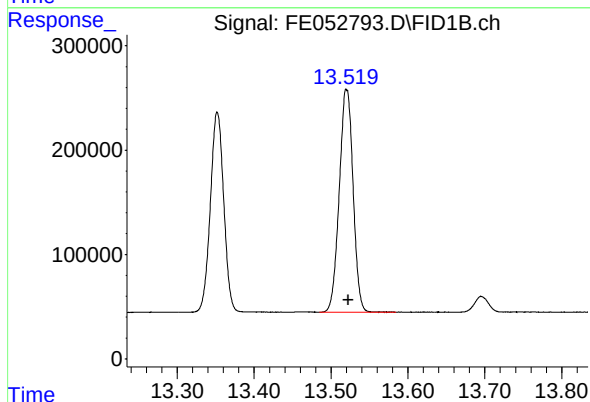
R.T.: 11.907 min
Delta R.T.: -0.001 min
Response: 3105095
Conc: 18.42 ug/ml

Instrument :
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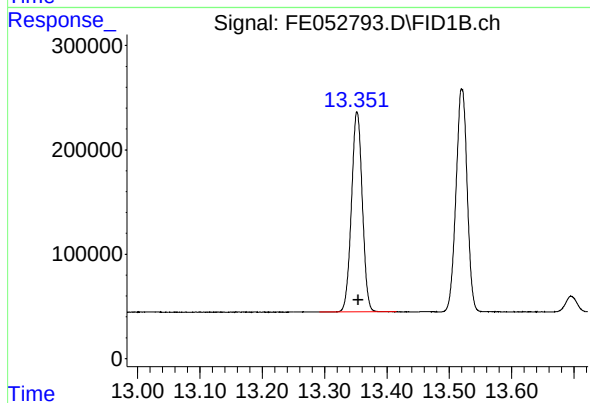
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 2728440
Conc: 18.79 ug/ml



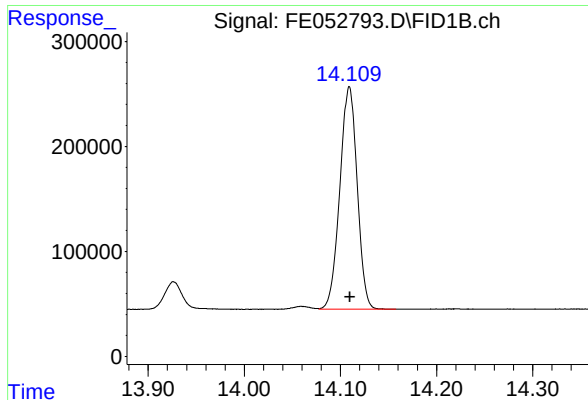
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.002 min
Response: 2660258
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

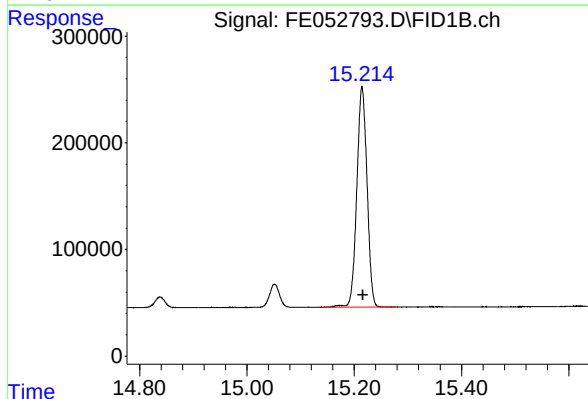
R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 2317722
Conc: 19.09 ug/ml



#13 n-Docosane (C22)

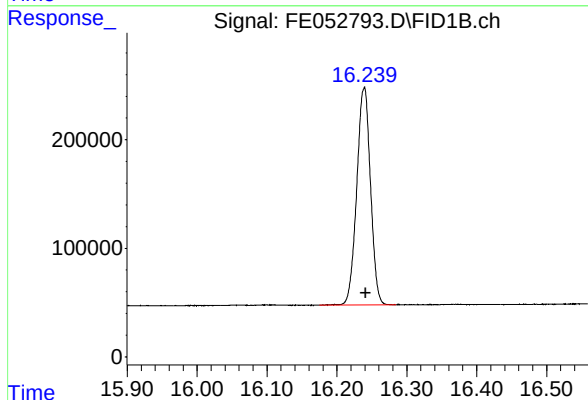
R.T.: 14.109 min
Delta R.T.: -0.001 min
Response: 2668397
Conc: 18.75 ug/ml

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20 PPM ALIPHATIC HC STD



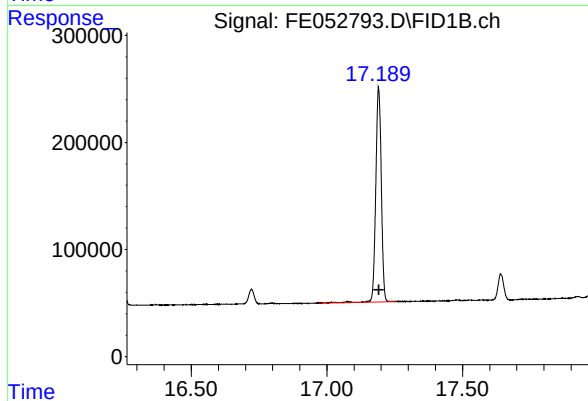
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.001 min
Response: 2736646
Conc: 19.12 ug/ml



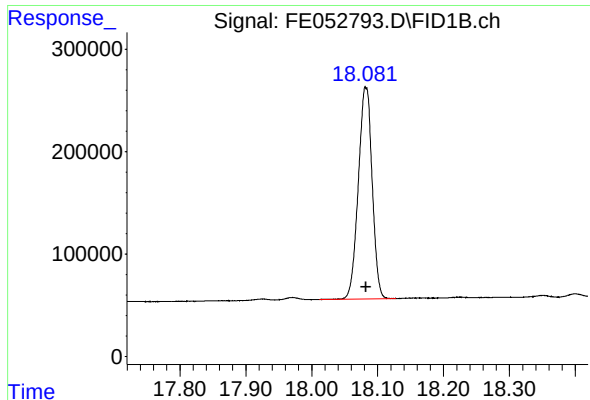
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.002 min
Response: 2737336
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

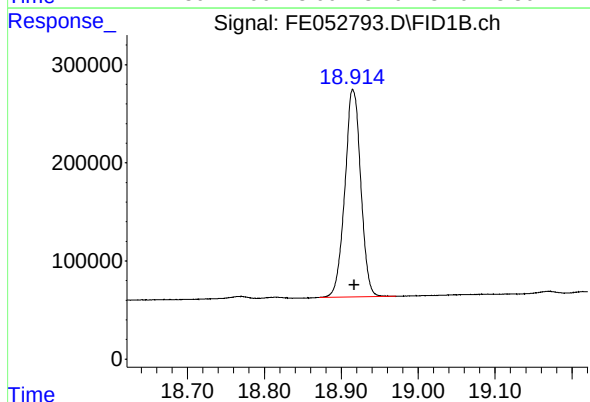
R.T.: 17.191 min
Delta R.T.: -0.001 min
Response: 2834630
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

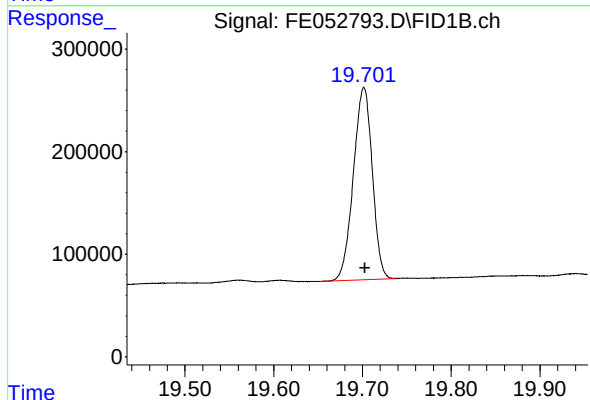
R.T.: 18.082 min
Delta R.T.: 0.000 min
Response: 3012816
Conc: 20.40 ug/ml

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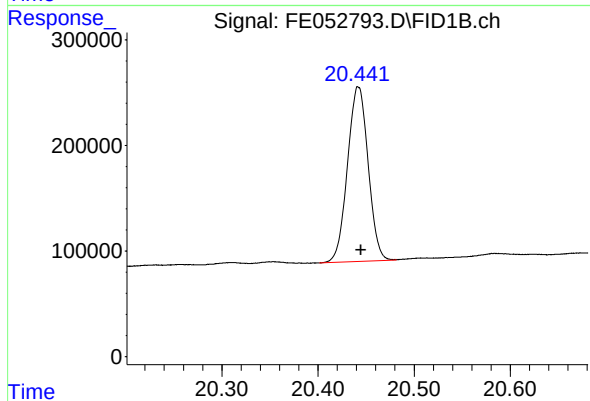
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.001 min
Response: 3032757
Conc: 20.89 ug/ml



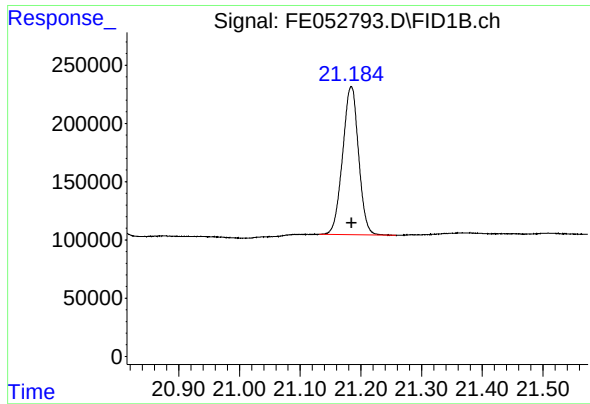
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.001 min
Response: 2768801
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

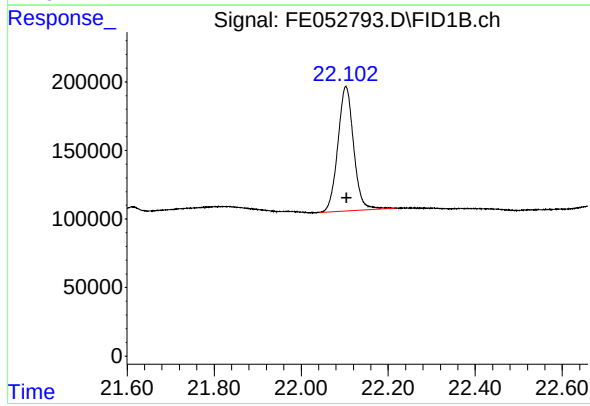
R.T.: 20.442 min
Delta R.T.: -0.003 min
Response: 2476849
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 2320175
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.002 min
Response: 2279579
Conc: 21.08 ug/ml