

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045553.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 14:15
 Operator : YP\AJ
 Sample : PB157427BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157427BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File: autoint1.e
 Quant Time: Nov 28 23:05:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.868	7694655	40.301 ug/ml
Spiked Amount 50.000		Recovery =	80.60%
12) S 1-chlorooctadecane (S...	13.309	5611480	40.740 ug/ml
Spiked Amount 50.000		Recovery =	81.48%
Target Compounds			
1) T n-Nonane (C9)	3.270	7093807	42.941 ug/ml
2) T n-Decane (C10)	4.514	7458612	44.481 ug/ml
3) T A~Naphthalene (C11.7)	6.207	8442840	47.299 ug/ml
4) T n-Dodecane (C12)	6.673	7929784	46.954 ug/ml
5) T A~2-methylnaphthalene...	7.301	8315515	48.425 ug/ml
6) T n-Tetradecane (C14)	8.502	8511264	51.068 ug/ml
7) T n-Hexadecane (C16)	10.110	8996753	53.488 ug/ml
8) T n-Octadecane (C18)	11.556	9198565	54.959 ug/ml
10) T n-Eicosane (C20)	12.867	9063003	57.213 ug/ml
11) T n-Heneicosane (C21)	13.480	8556036	55.646 ug/ml
13) T n-Docosane (C22)	14.067	8429993	55.638 ug/ml
14) T n-Tetracosane (C24)	15.153	17178280	115.983 ug/mlm
15) T n-Hexacosane (C26)	16.197	8049748	55.228 ug/ml
16) T n-Octacosane (C28)	17.146	8329966	57.004 ug/ml
17) T n-Tricontane (C30)	18.038	8102798	53.344 ug/ml
18) T n-Dotriacontane (C32)	18.871	8556009	54.768 ug/ml
19) T n-Tetratriacontane (C34)	19.656	8282717	53.048 ug/mlm
20) T n-Hexatriacontane (C36)	20.398	8082145	49.792 ug/mlm
21) T n-Octatriacontane (C38)	21.134	7792721	46.904 ug/ml
22) T n-Tetracontane (C40)	22.040	6986281	40.902 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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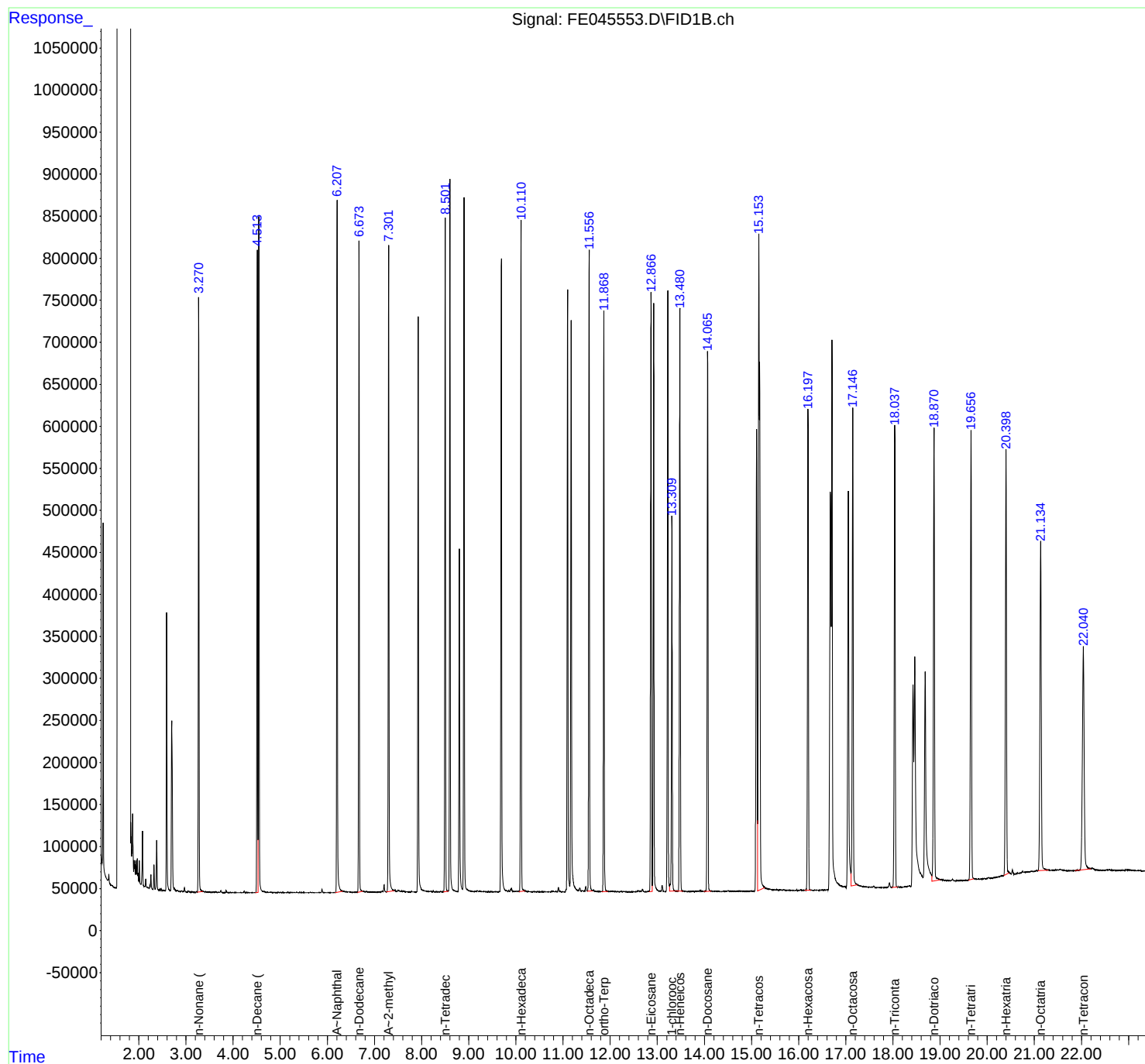
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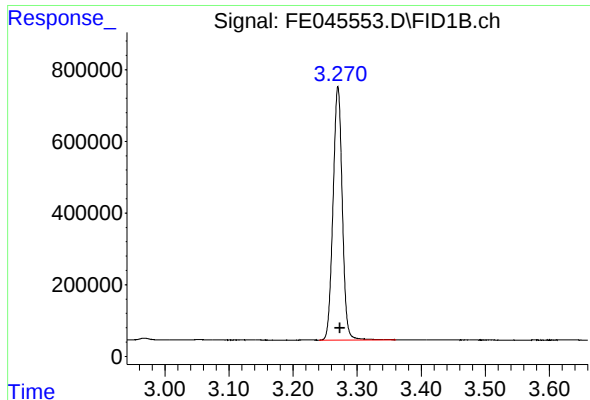
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#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.003 min
Response: 7093807
Conc: 42.94 ug/ml

Instrument :

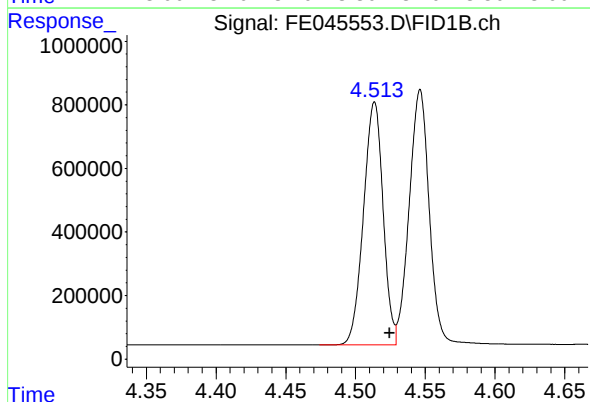
FID_E

ClientSampleId :

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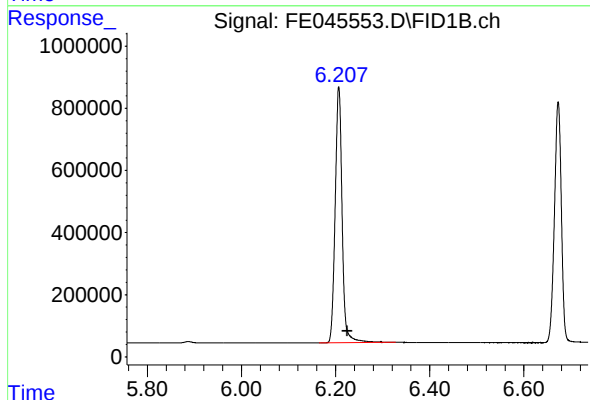
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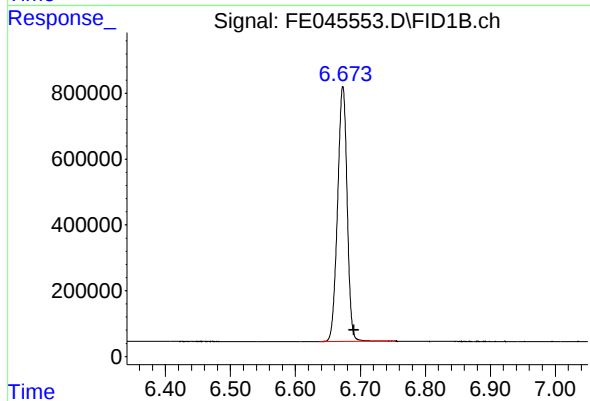
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.011 min
Response: 7458612
Conc: 44.48 ug/ml



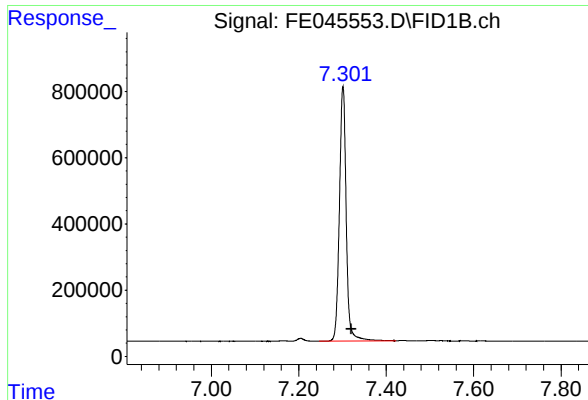
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.018 min
Response: 8442840
Conc: 47.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 7929784
Conc: 46.95 ug/ml



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

R.T.: 7.301 min
Delta R.T.: -0.019 min
Response: 8315515
Conc: 48.43 ug/ml

Instrument :

FID_E

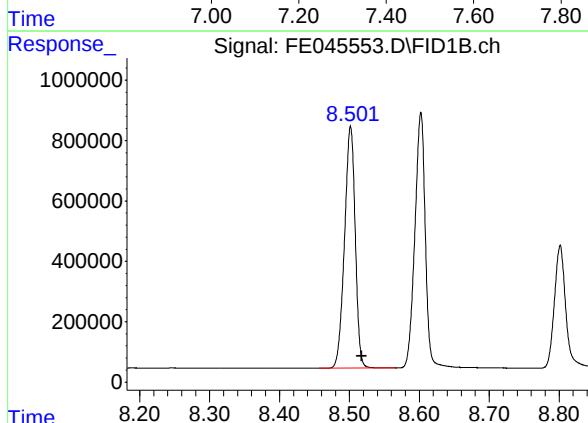
ClientSampleId :

PB157427BSD

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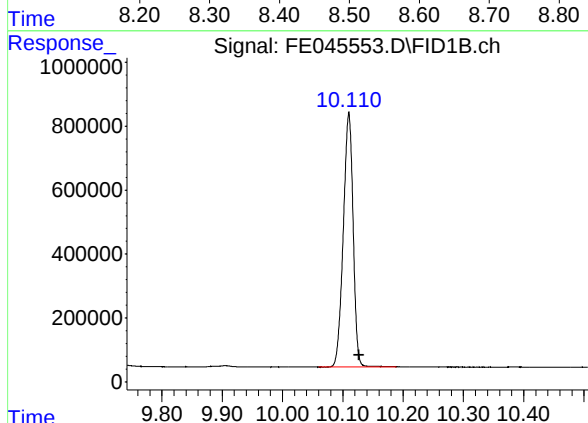
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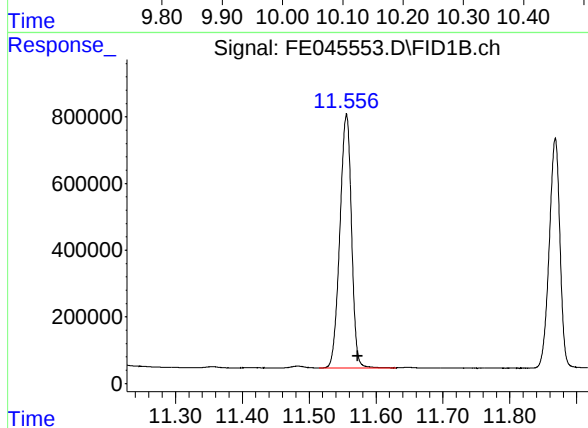
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.016 min
Response: 8511264
Conc: 51.07 ug/ml



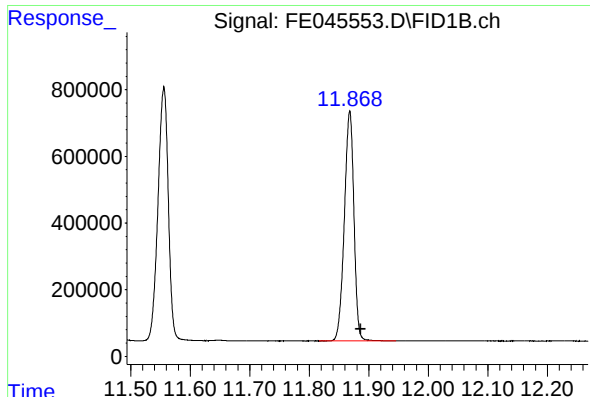
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.017 min
Response: 8996753
Conc: 53.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.017 min
Response: 9198565
Conc: 54.96 ug/ml



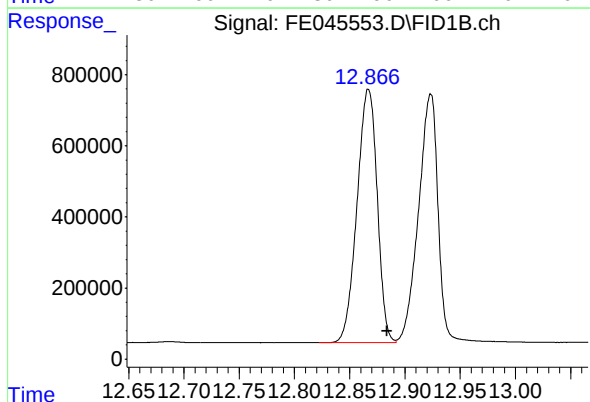
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.018 min
Response: 7694655
Conc: 40.30 ug/ml

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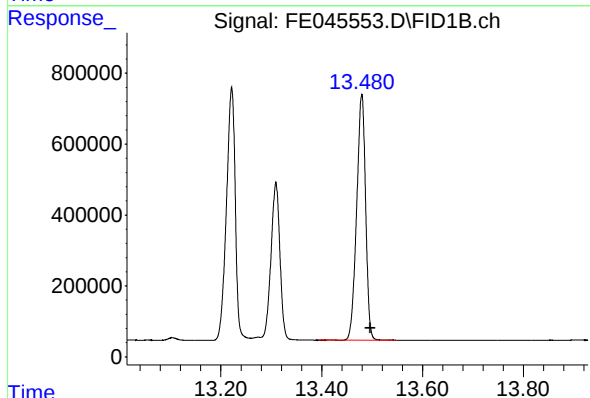
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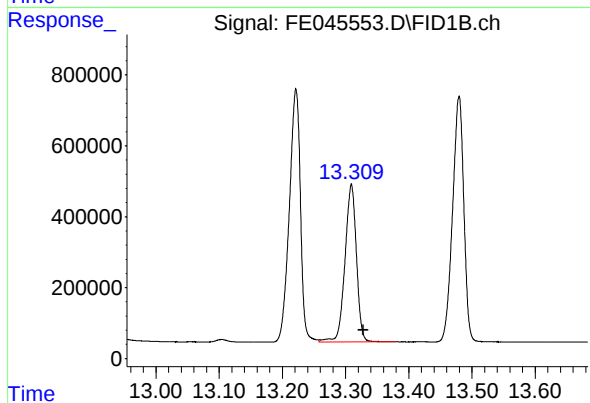
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.017 min
Response: 9063003
Conc: 57.21 ug/ml



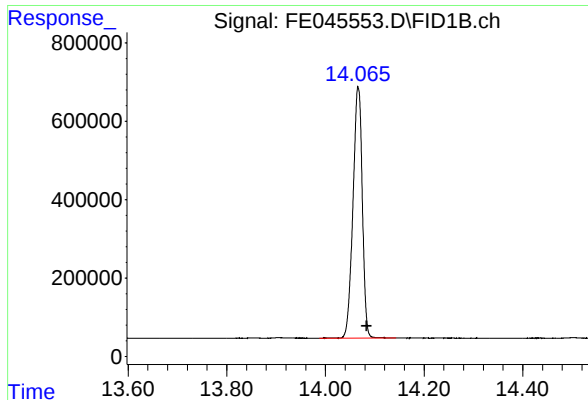
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.017 min
Response: 8556036
Conc: 55.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.019 min
Response: 5611480
Conc: 40.74 ug/ml



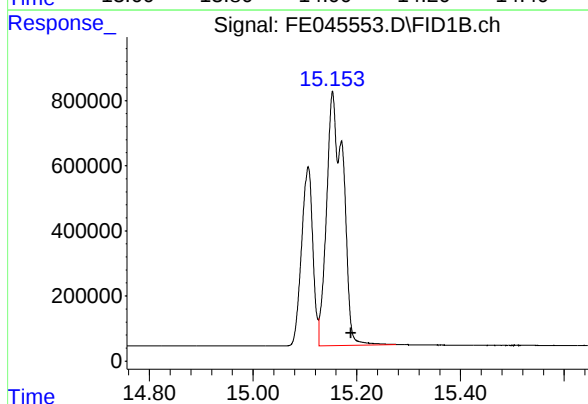
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.017 min
Response: 8429993
Conc: 55.64 ug/ml

Instrument :
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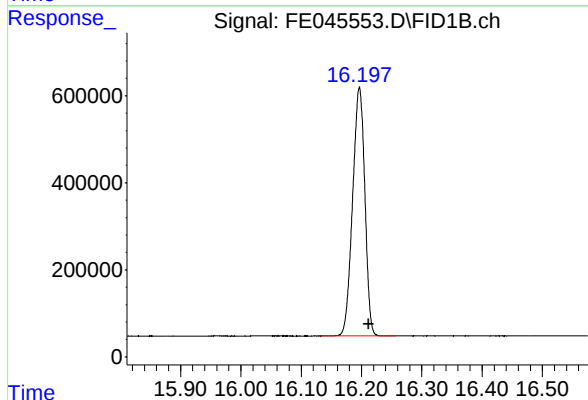
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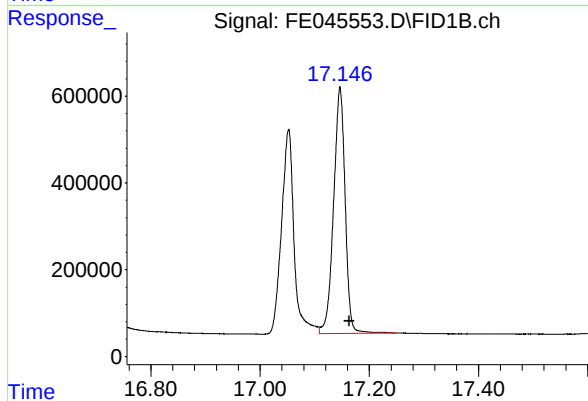
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.036 min
Response: 17178280
Conc: 115.98 ug/ml m



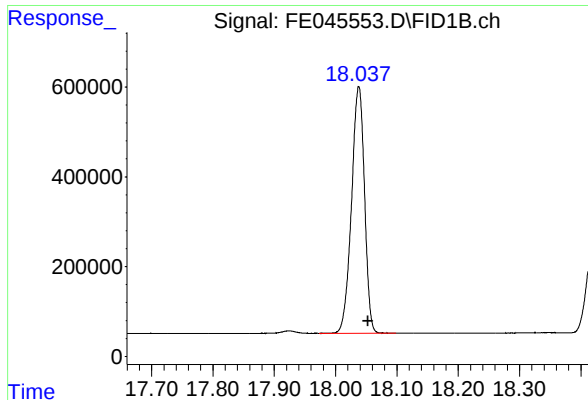
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.015 min
Response: 8049748
Conc: 55.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.017 min
Response: 8329966
Conc: 57.00 ug/ml



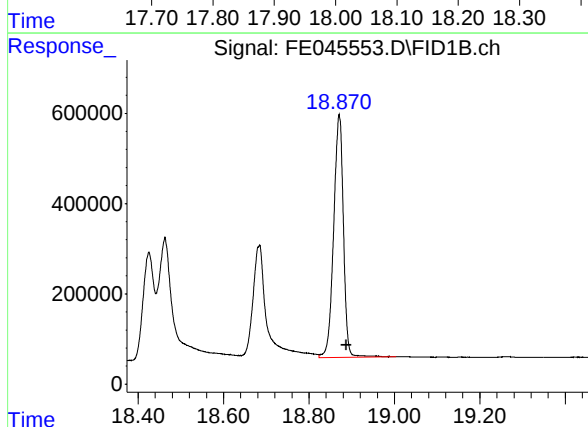
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.015 min
Response: 8102798
Conc: 53.34 ug/ml

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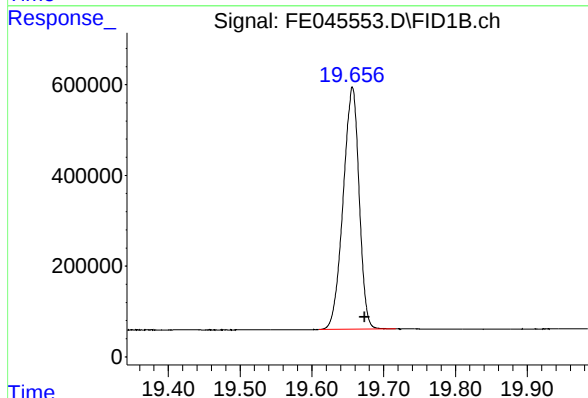
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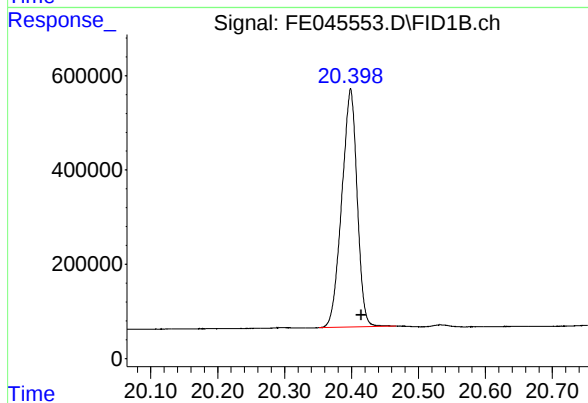
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 8556009
Conc: 54.77 ug/ml



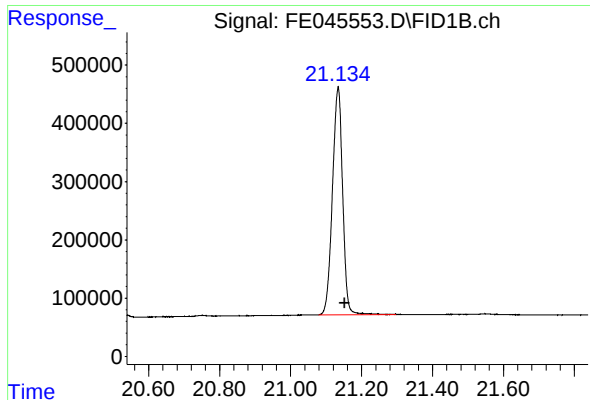
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.017 min
Response: 8282717
Conc: 53.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: -0.017 min
Response: 8082145
Conc: 49.79 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: -0.018 min
Response: 7792721
Conc: 46.90 ug/ml

Instrument :

FID_E

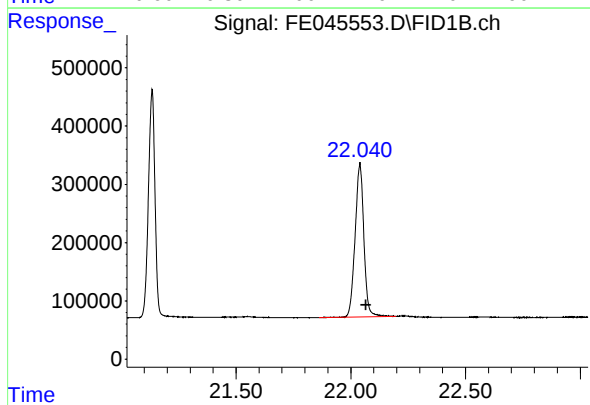
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#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: -0.028 min
Response: 6986281
Conc: 40.90 ug/ml