

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044955.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 19:39
 Operator : YP\AJ
 Sample : 04974-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File: autoint1.e
 Quant Time: Oct 21 00:45:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.902	5108298	25.482 ug/ml
Spiked Amount 50.000		Recovery =	50.96%
12) S 1-chlorooctadecane (S...	13.343	4058301	27.424 ug/ml
Spiked Amount 50.000		Recovery =	54.85%
Target Compounds			
1) T n-Nonane (C9)	3.289	4942127	29.461 ug/ml
2) T n-Decane (C10)	4.540	5659331	33.222 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6282164	33.936 ug/ml
4) T n-Dodecane (C12)	6.704	6113032	35.413 ug/ml
5) T A~2-methylnaphthalene...	7.334	6244072	34.614 ug/ml
6) T n-Tetradecane (C14)	8.533	6363860	37.112 ug/ml
7) T n-Hexadecane (C16)	10.142	6803088	38.904 ug/ml
8) T n-Octadecane (C18)	11.589	7126953	40.862 ug/ml
10) T n-Eicosane (C20)	12.901	7211937	43.178 ug/ml
11) T n-Heneicosane (C21)	13.513	6928255	42.502 ug/ml
13) T n-Docosane (C22)	14.101	6832544	42.716 ug/ml
14) T n-Tetracosane (C24)	15.185	13596628	87.609 ug/mlm
15) T n-Hexacosane (C26)	16.230	6440923	42.901 ug/ml
16) T n-Octacosane (C28)	17.181	6525716	44.440 ug/ml
17) T n-Tricontane (C30)	18.073	6416668	43.143 ug/ml
18) T n-Dotriacontane (C32)	18.904	6488400	43.229 ug/ml
19) T n-Tetratriacontane (C34)	19.690	6498461	43.654 ug/ml
20) T n-Hexatriacontane (C36)	20.433	6465804	42.057 ug/ml
21) T n-Octatriacontane (C38)	21.174	6701813	42.903 ug/ml
22) T n-Tetracontane (C40)	22.092	6866287	41.085 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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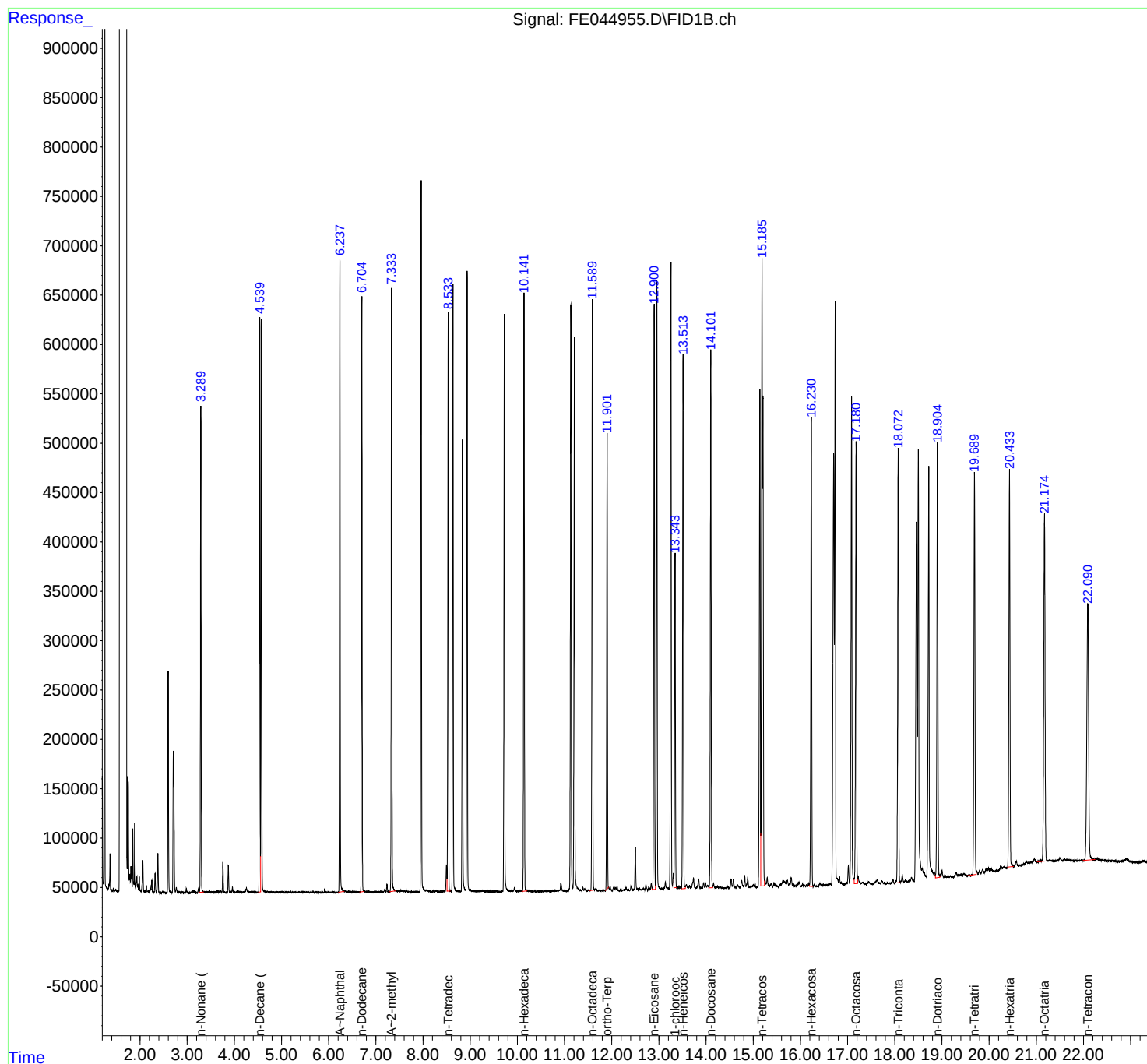
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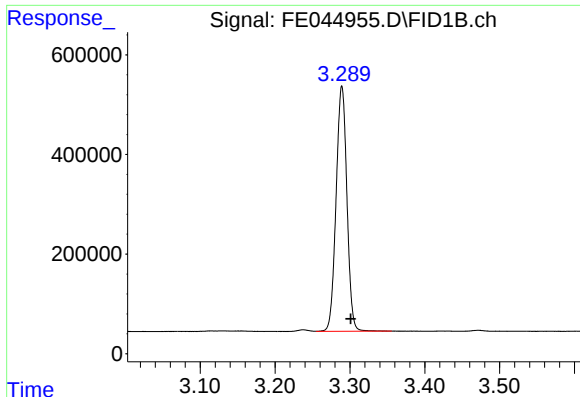
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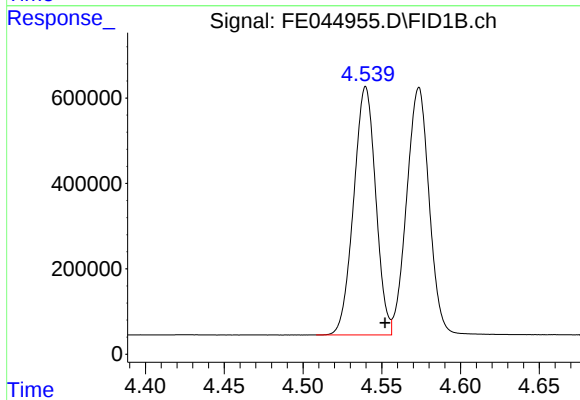
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.012 min
Response: 4942127
Conc: 29.46 ug/ml

Instrument :
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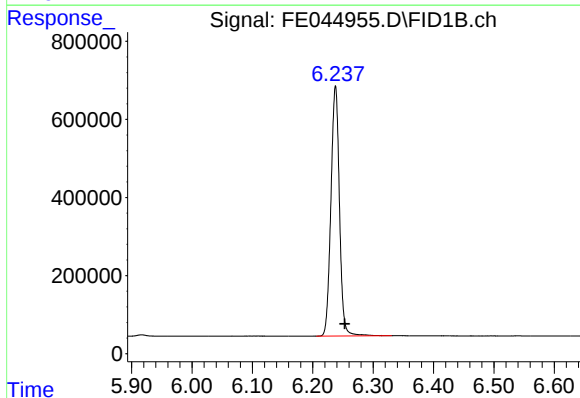
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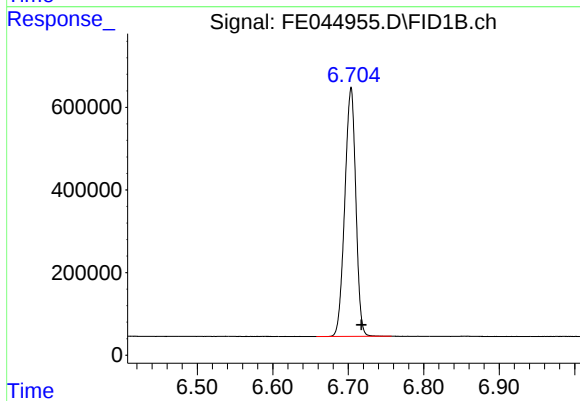
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.012 min
Response: 5659331
Conc: 33.22 ug/ml



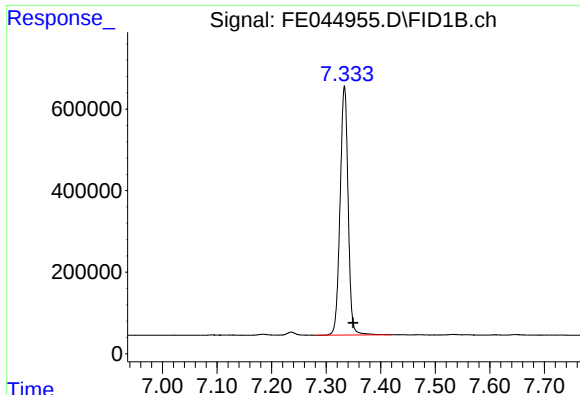
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.015 min
Response: 6282164
Conc: 33.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: -0.014 min
Response: 6113032
Conc: 35.41 ug/ml



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

R.T.: 7.334 min
Delta R.T.: -0.015 min
Response: 6244072
Conc: 34.61 ug/ml

Instrument :

FID_E

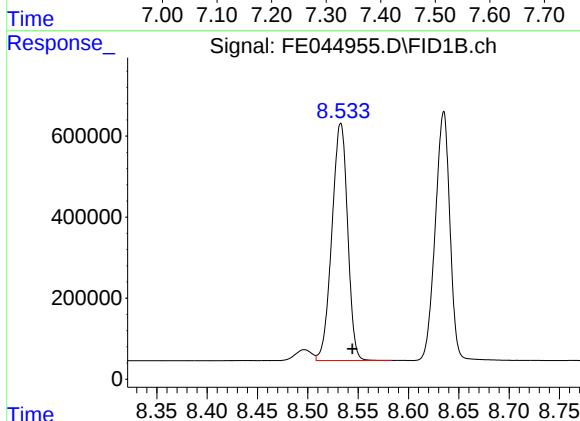
ClientSampleId :

TP-4MS

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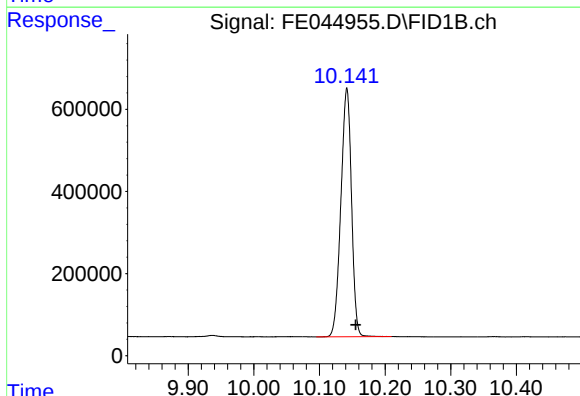
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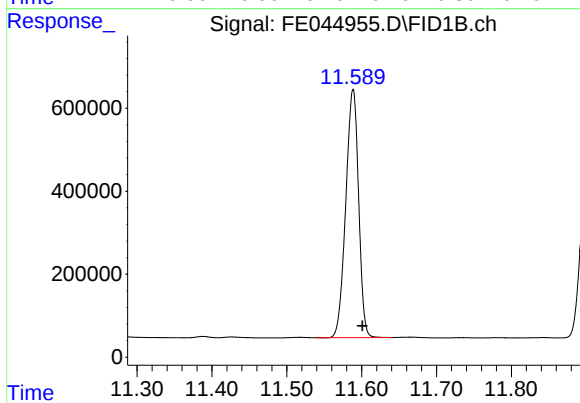
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: -0.012 min
Response: 6363860
Conc: 37.11 ug/ml



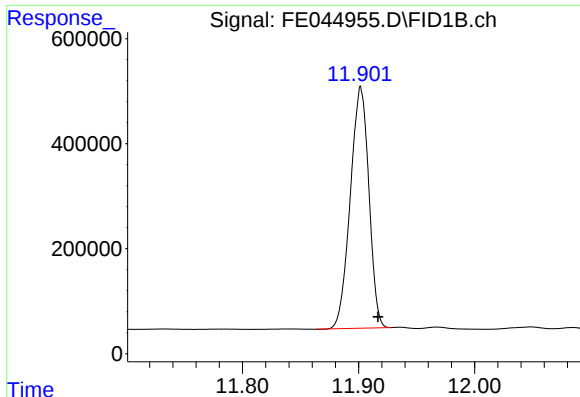
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 6803088
Conc: 38.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: -0.013 min
Response: 7126953
Conc: 40.86 ug/ml



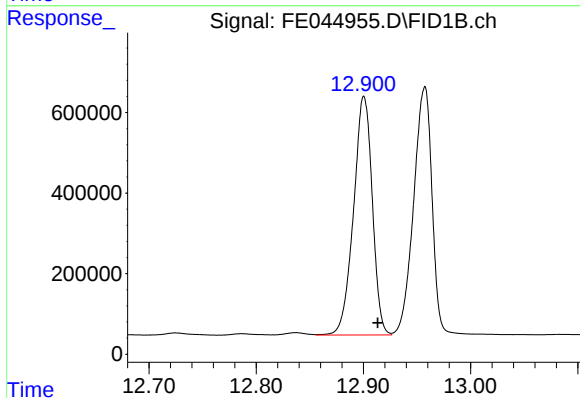
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 5108298
Conc: 25.48 ug/ml

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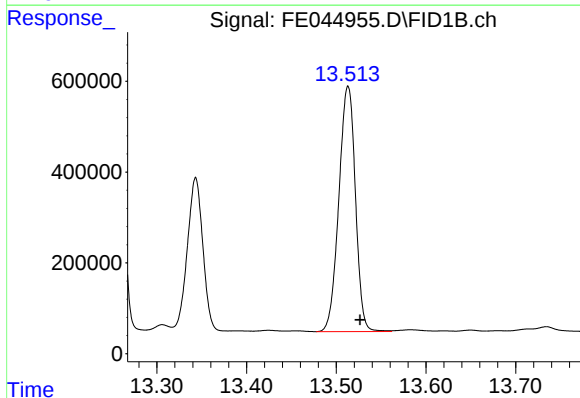
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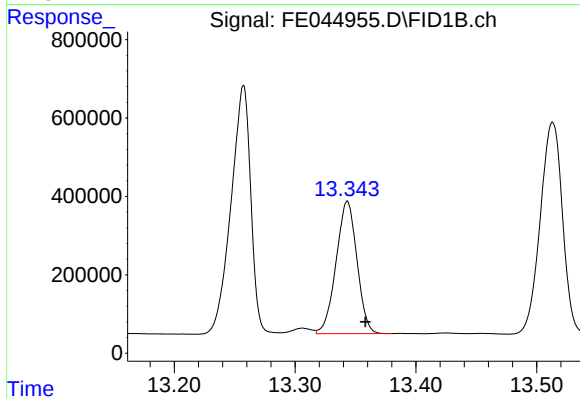
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: -0.013 min
Response: 7211937
Conc: 43.18 ug/ml



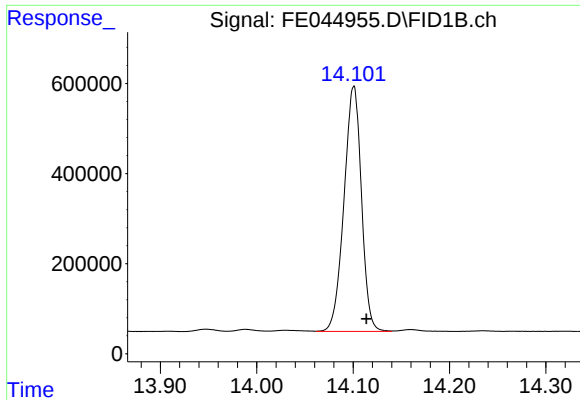
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: -0.013 min
Response: 6928255
Conc: 42.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.015 min
Response: 4058301
Conc: 27.42 ug/ml



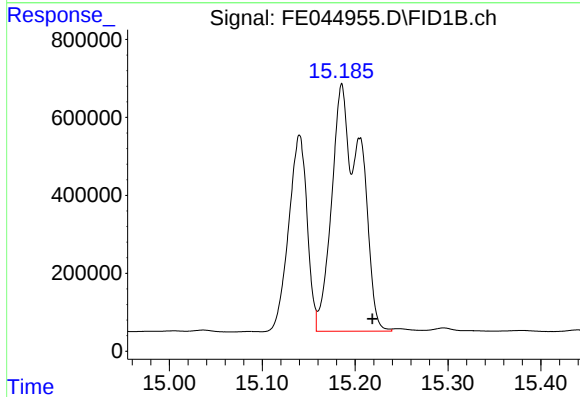
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.013 min
Response: 6832544
Conc: 42.72 ug/ml

Instrument :
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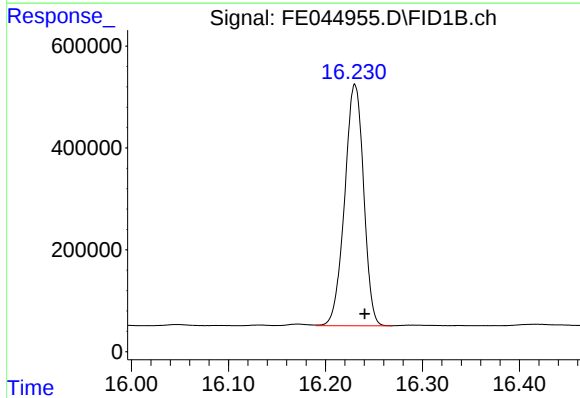
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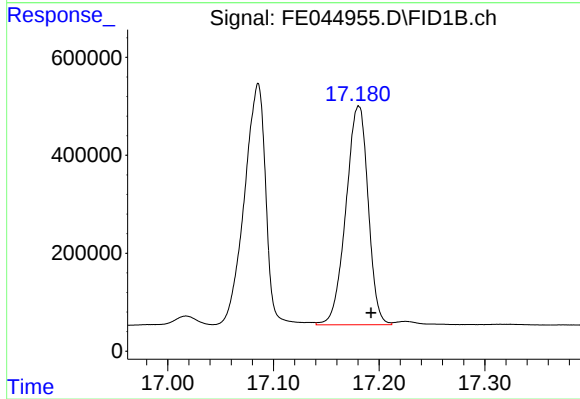
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.033 min
Response: 13596628
Conc: 87.61 ug/ml m



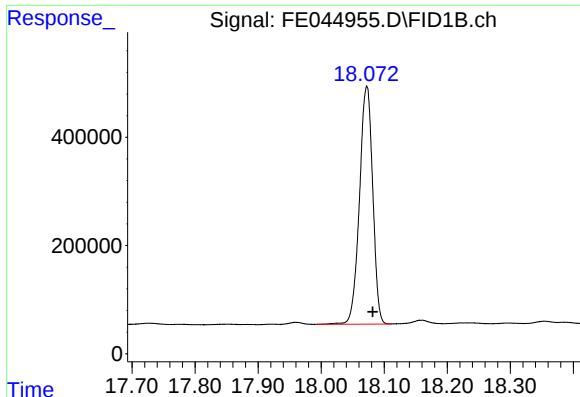
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.010 min
Response: 6440923
Conc: 42.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.012 min
Response: 6525716
Conc: 44.44 ug/ml



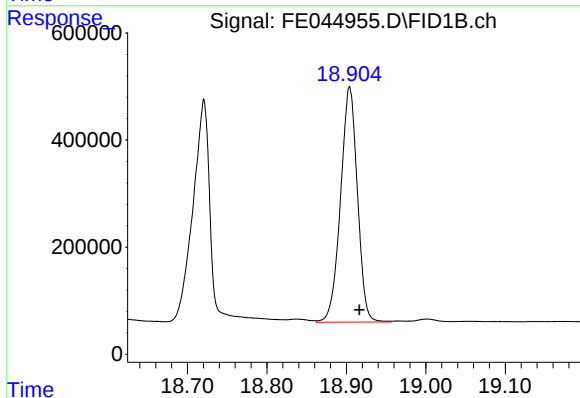
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: -0.009 min
Response: 6416668
Conc: 43.14 ug/ml

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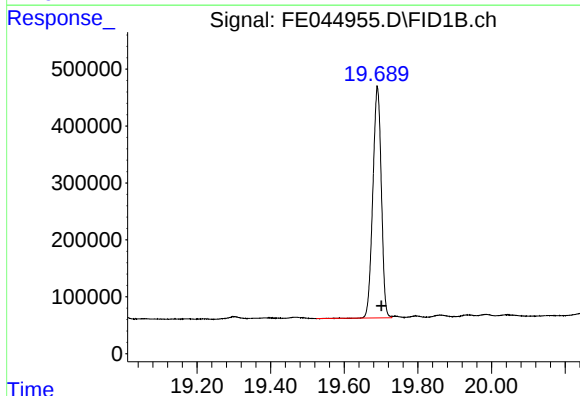
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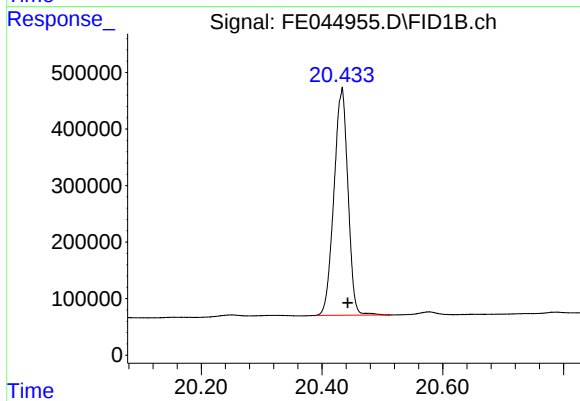
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.012 min
Response: 6488400
Conc: 43.23 ug/ml



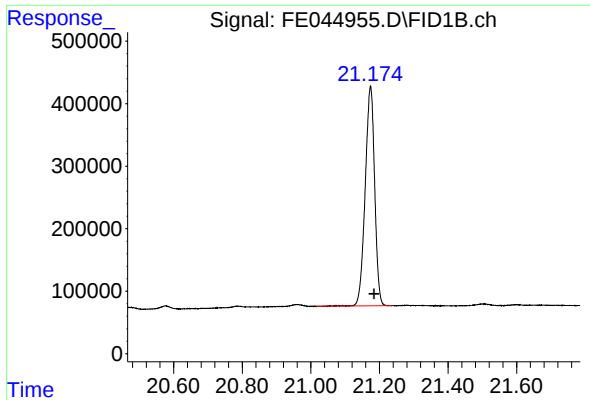
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.011 min
Response: 6498461
Conc: 43.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.010 min
Response: 6465804
Conc: 42.06 ug/ml



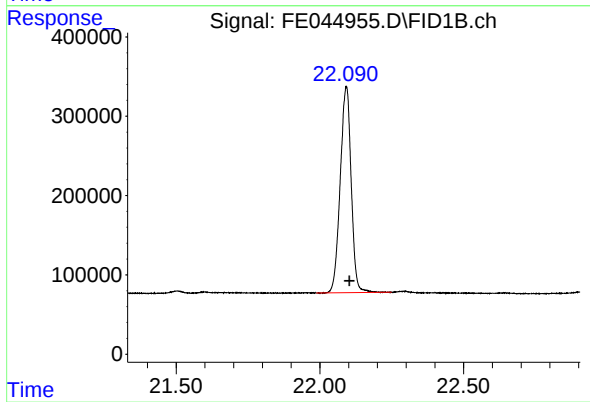
#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.010 min
Response: 6701813
Conc: 42.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.011 min
Response: 6866287
Conc: 41.09 ug/ml