

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052443.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 16:13
 Operator : YP\AJ
 Sample : Q1397-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP7MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/24/2025

Supervised By :Ankita Jodhani 02/24/2025

Integration File: autoint1.e

Quant Time: Feb 21 22:06:24 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.916	5338245	28.557 ug/mlm
Spiked Amount 50.000		Recovery =	57.11%
12) S 1-chlorooctadecane (S...	13.360	4231991	30.447 ug/mlm
Spiked Amount 50.000		Recovery =	60.89%
Target Compounds			
1) T n-Nonane (C9)	3.256	4551867	29.654 ug/ml
2) T n-Decane (C10)	4.518	5095107	32.622 ug/ml
3) T A~Naphthalene (C11.7)	6.228	6187637	35.814 ug/ml
4) T n-Dodecane (C12)	6.698	5403763	34.235 ug/ml
5) T A~2-methylnaphthalene...	7.331	5851075	34.838 ug/ml
6) T n-Tetradecane (C14)	8.538	5798817	36.815 ug/ml
7) T n-Hexadecane (C16)	10.151	6263197	38.321 ug/ml
8) T n-Octadecane (C18)	11.601	6453594	39.004 ug/ml
10) T n-Eicosane (C20)	12.917	6696628	42.006 ug/ml
11) T n-Heneicosane (C21)	13.531	6390868	40.792 ug/ml
13) T n-Docosane (C22)	14.120	6371911	40.716 ug/ml
14) T n-Tetracosane (C24)	15.208	13385897	85.114 ug/mlm
15) T n-Hexacosane (C26)	16.251	6100202	39.384 ug/ml
16) T n-Octacosane (C28)	17.201	6097657	39.864 ug/ml
17) T n-Tricontane (C30)	18.093	6096234	39.054 ug/ml
18) T n-Dotriacontane (C32)	18.926	5978308	39.069 ug/mlm
19) T n-Tetratriacontane (C34)	19.711	5920987	41.620 ug/ml
20) T n-Hexatriacontane (C36)	20.453	5628736	45.161 ug/ml
21) T n-Octatriacontane (C38)	21.194	5627095	51.482 ug/ml
22) T n-Tetracontane (C40)	22.117	5820216	57.861 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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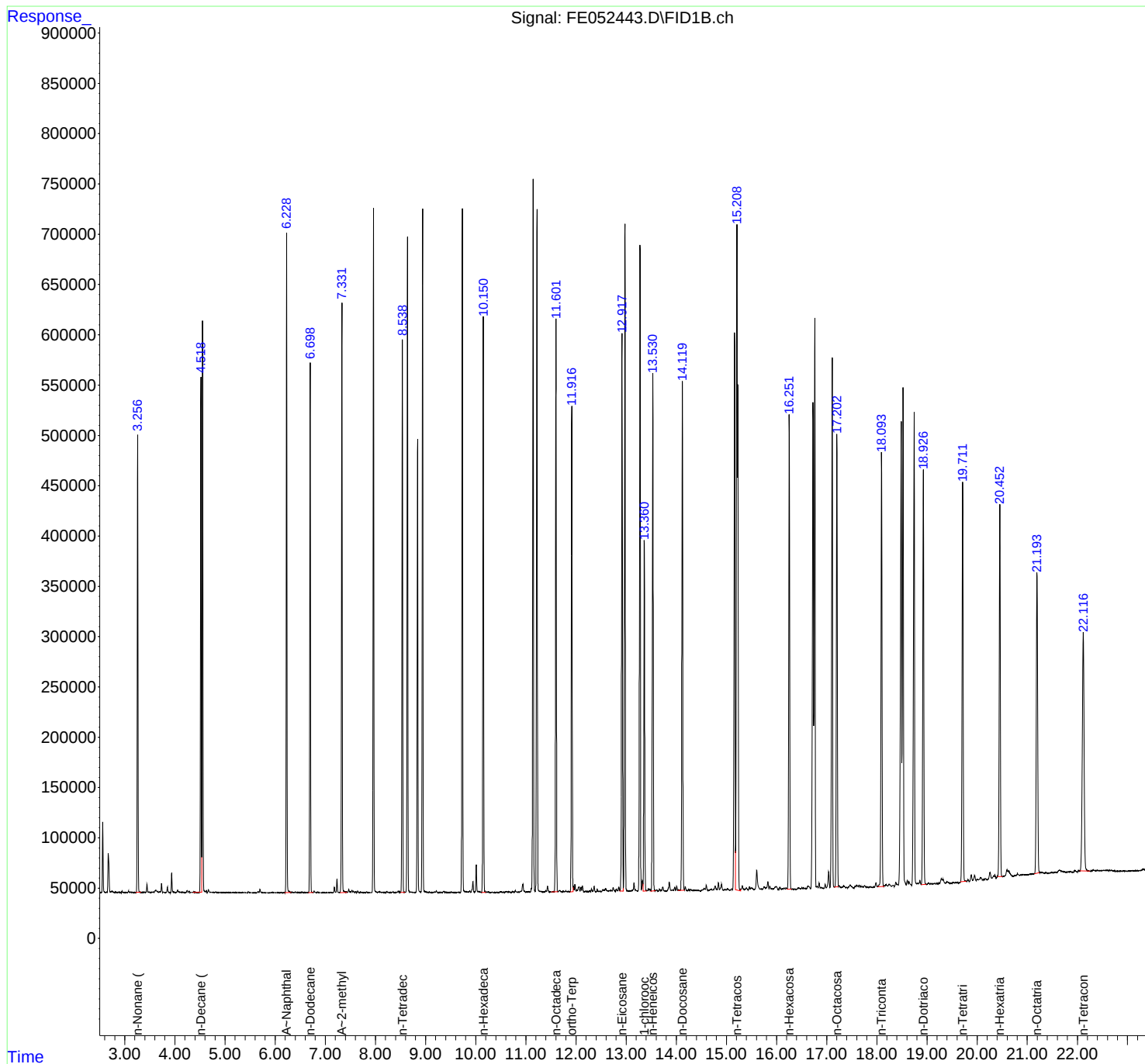
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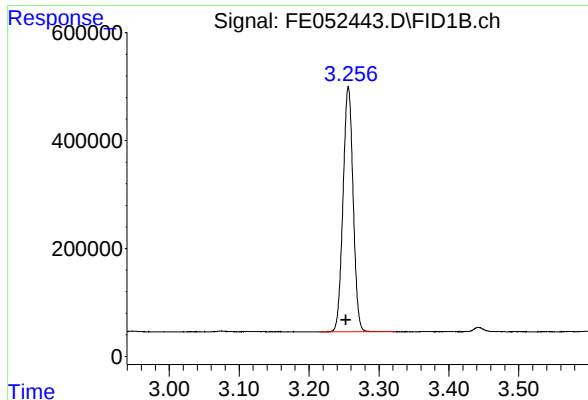
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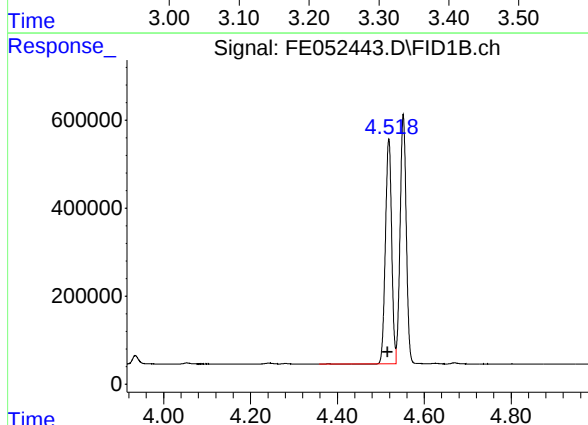
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.003 min
Response: 4551867
Conc: 29.65 ug/ml

Instrument :
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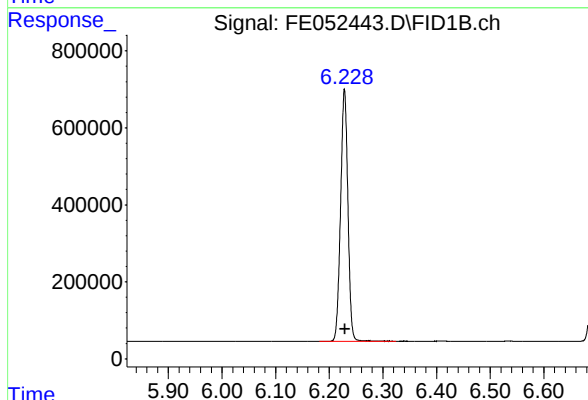
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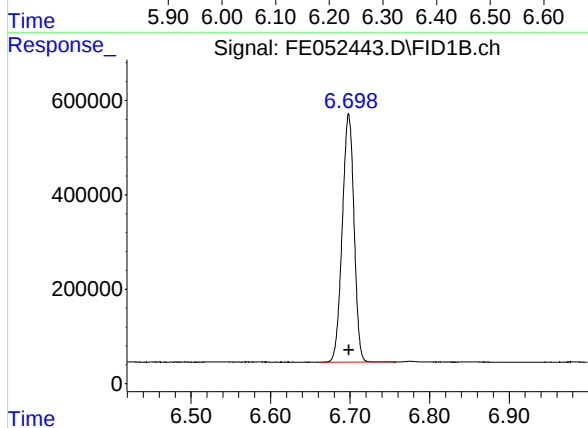
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 5095107
Conc: 32.62 ug/ml



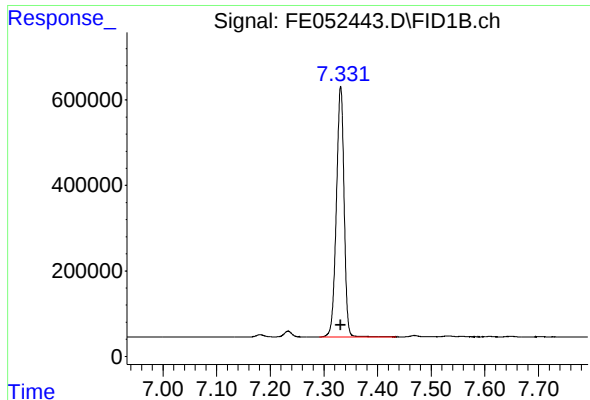
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 6187637
Conc: 35.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 5403763
Conc: 34.24 ug/ml



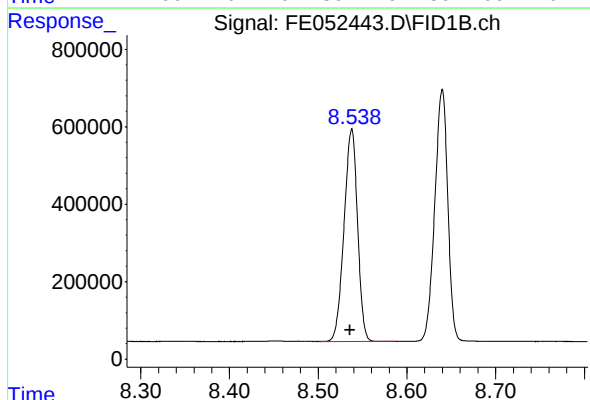
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 5851075
Conc: 34.84 ug/ml

Instrument :
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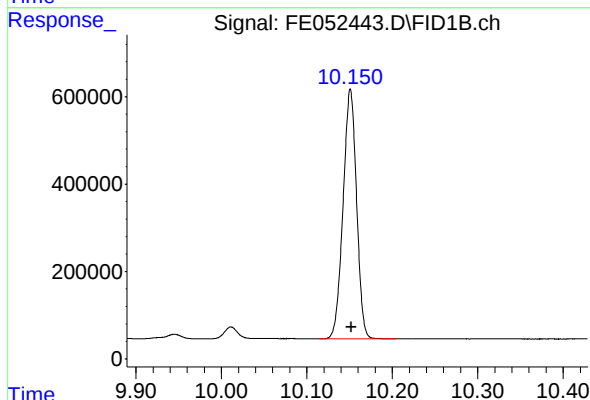
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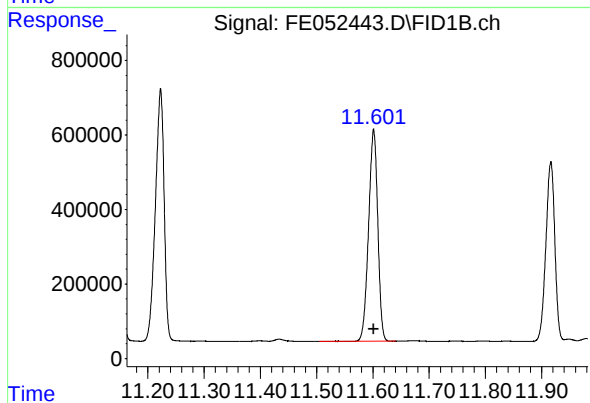
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.001 min
Response: 5798817
Conc: 36.81 ug/ml



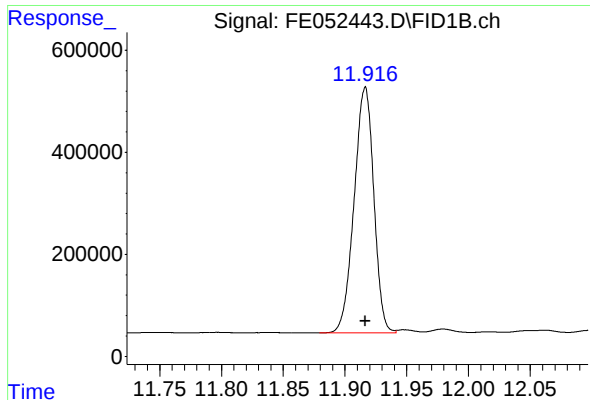
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 6263197
Conc: 38.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 6453594
Conc: 39.00 ug/ml



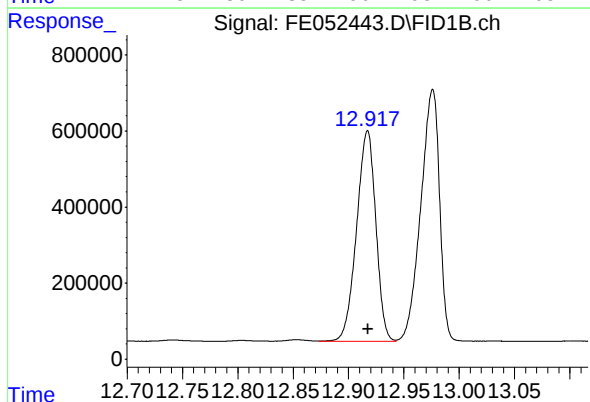
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 5338245
Conc: 28.56 ug/ml

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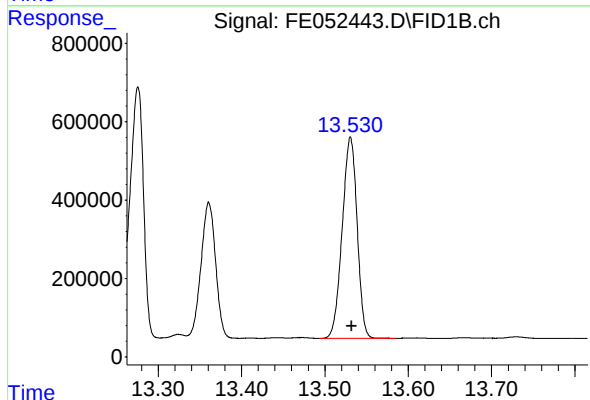
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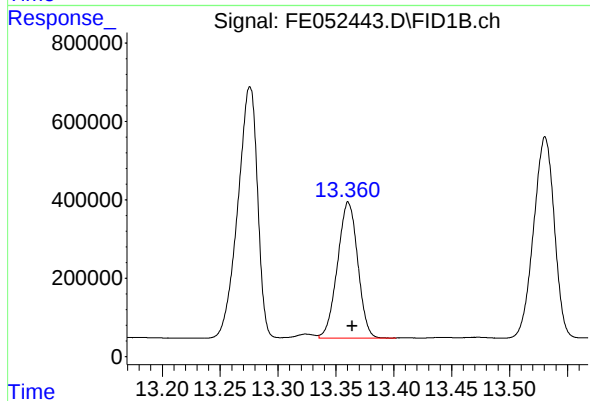
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 6696628
Conc: 42.01 ug/ml



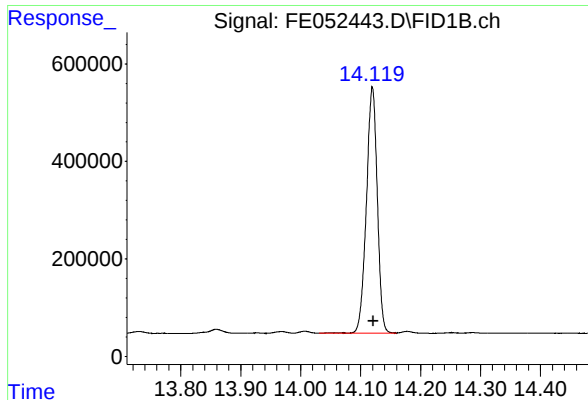
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.002 min
Response: 6390868
Conc: 40.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.004 min
Response: 4231991
Conc: 30.45 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.002 min
Response: 6371911
Conc: 40.72 ug/ml

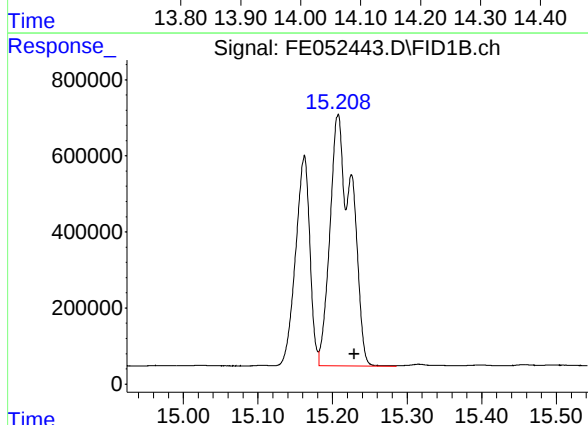
Instrument :

FID_E

ClientSampleId :
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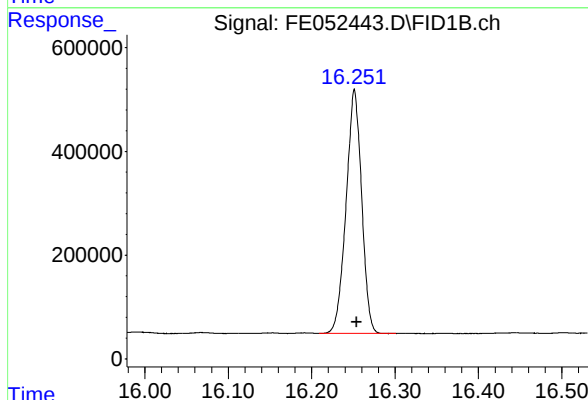
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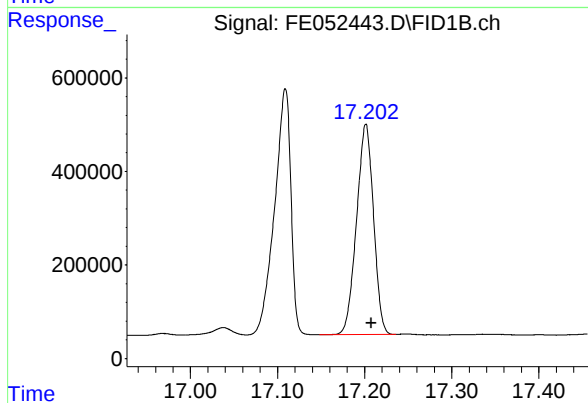
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.021 min
Response: 13385897
Conc: 85.11 ug/ml m



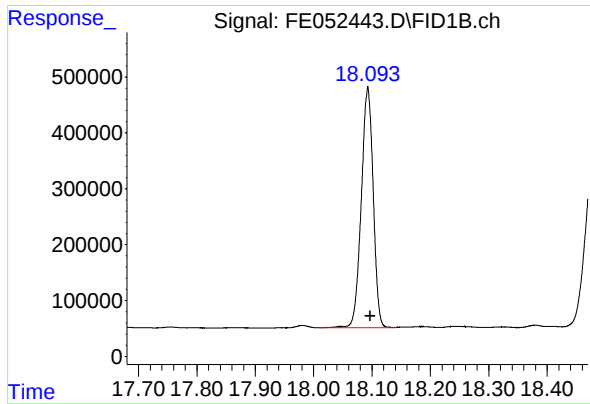
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.002 min
Response: 6100202
Conc: 39.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.006 min
Response: 6097657
Conc: 39.86 ug/ml



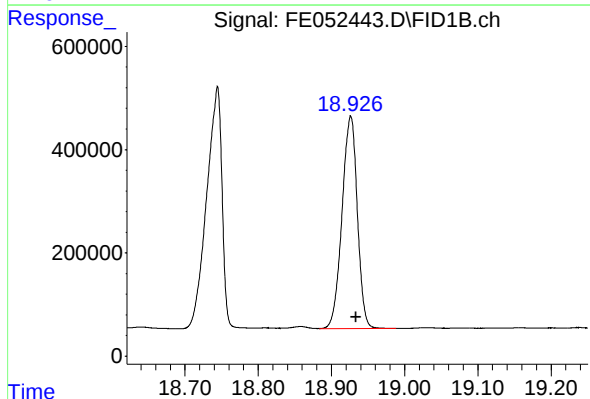
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.005 min
Response: 6096234
Conc: 39.05 ug/ml

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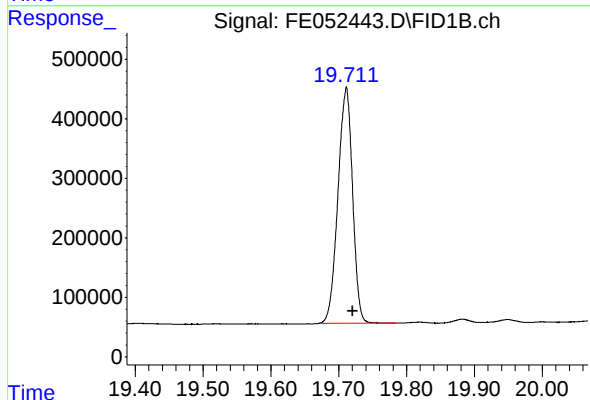
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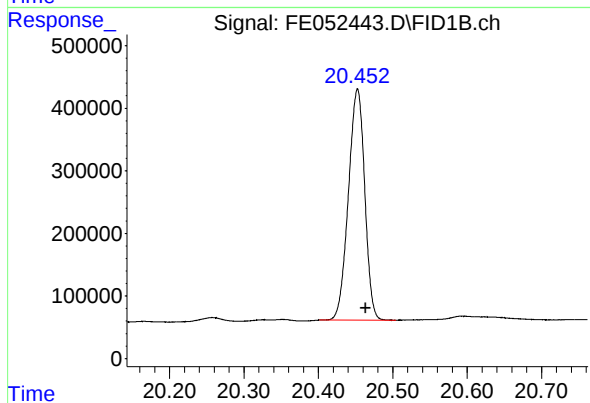
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.008 min
Response: 5978308
Conc: 39.07 ug/ml



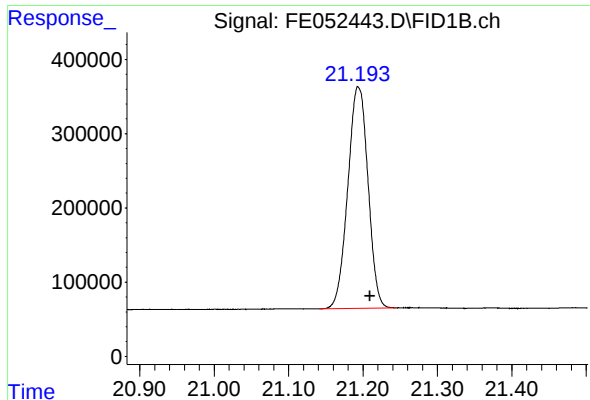
#19 n-Tetatriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.010 min
Response: 5920987
Conc: 41.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.011 min
Response: 5628736
Conc: 45.16 ug/ml



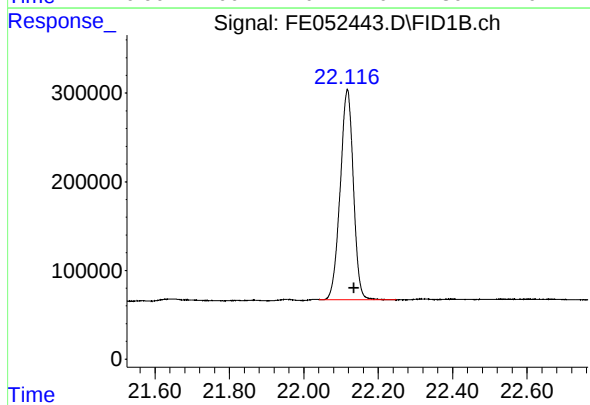
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.016 min
Response: 5627095
Conc: 51.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.018 min
Response: 5820216
Conc: 57.86 ug/ml