

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091725AL\
 Data File : FE055879.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2025 17:39
 Operator : YP\AJ
 Sample : Q3115-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-05-09162025MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

Integration File: autoint1.e

Quant Time: Sep 18 01:30:12 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M

Quant Title : GC Extractables

QLast Update : Fri Aug 29 08:12:09 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)	12.074	6532606	39.764 ug/ml
Spiked Amount 50.000		Recovery =	79.53%
12) S 1-chlorooctadecane (S...	13.510	5027109	40.202 ug/ml
Spiked Amount 50.000		Recovery =	80.40%
Target Compounds			
1) T n-Nonane (C9)	3.410	4259985	33.569 ug/ml
2) T n-Decane (C10)	4.669	4861345	37.950 ug/ml
3) T A~Naphthalene (C11.7)	6.388	6348677	43.697 ug/ml
4) T n-Dodecane (C12)	6.845	5836758	44.825 ug/ml
5) T A~2-methylnaphthalene...	7.490	6689769	47.563 ug/ml
6) T n-Tetradecane (C14)	8.684	7220752	54.830 ug/ml
7) T n-Hexadecane (C16)	10.298	8260903	59.647 ug/ml
8) T n-Octadecane (C18)	11.748	8754926	60.023 ug/ml
10) T n-Eicosane (C20)	13.064	8812962	61.224 ug/ml
11) T n-Heneicosane (C21)	13.678	8167400	57.177 ug/ml
13) T n-Docosane (C22)	14.266	7780906	54.357 ug/ml
14) T n-Tetracosane (C24)	15.373	13616060	94.100 ug/ml
15) T n-Hexacosane (C26)	16.398	6526706	45.685 ug/ml
16) T n-Octacosane (C28)	17.350	6319180	44.427 ug/ml
17) T n-Tricontane (C30)	18.240	6465107	43.737 ug/mlm
18) T n-Dotriacontane (C32)	19.075	6684644	45.543 ug/ml
19) T n-Tetratriacontane (C34)	19.861	7035641	49.797 ug/ml
20) T n-Hexatriacontane (C36)	20.603	7012587	53.143 ug/ml
21) T n-Octatriacontane (C38)	21.379	7340430	56.361 ug/mlm
22) T n-Tetracontane (C40)	22.367	6918331	53.948 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

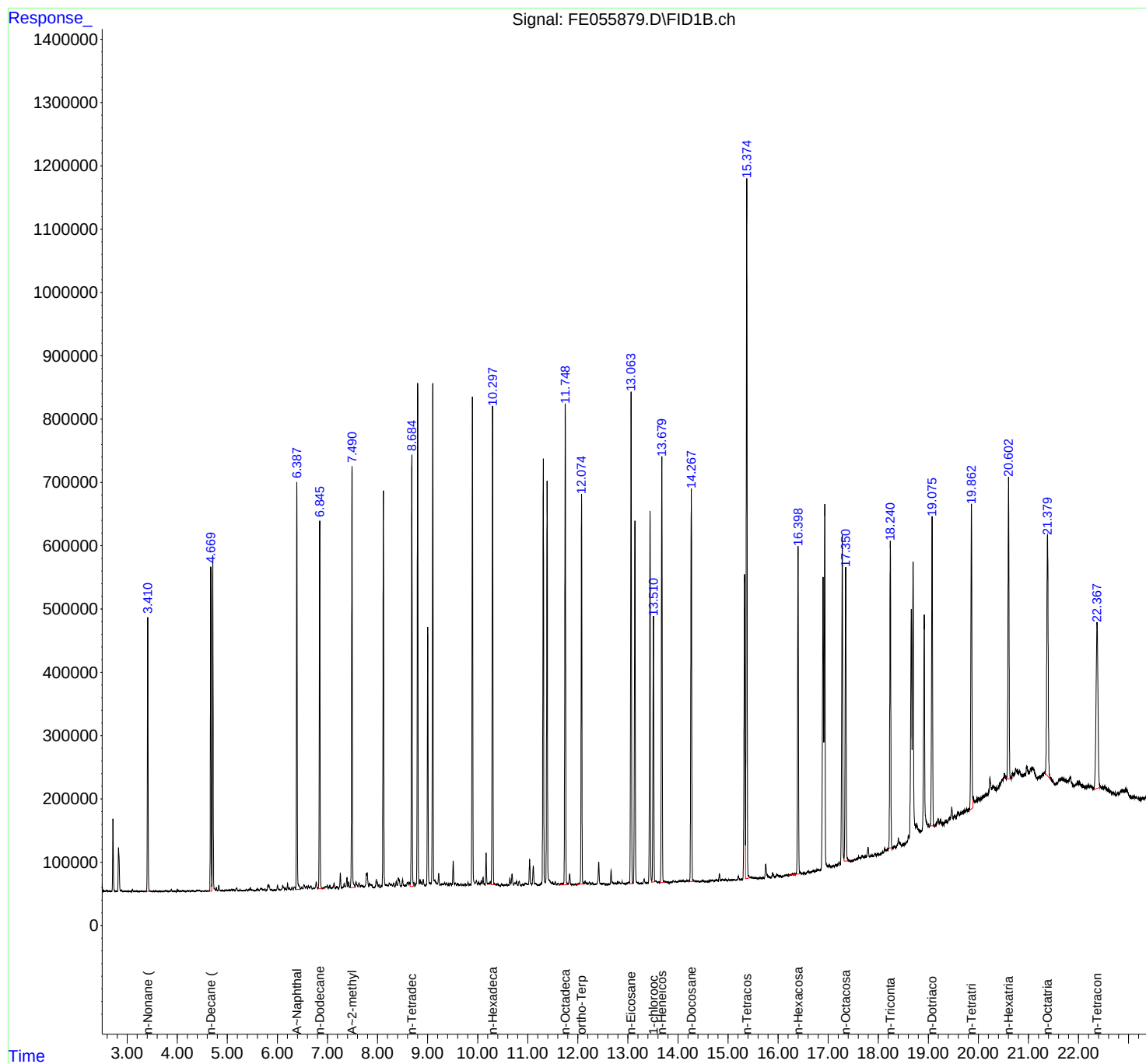
Instrument :
FID_E
ClientSampleId :
TR-05-09162025MSD

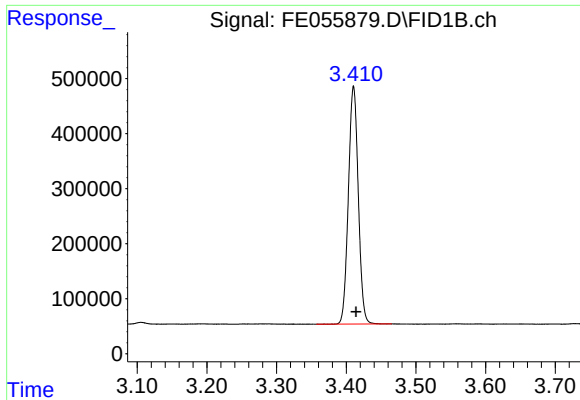
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





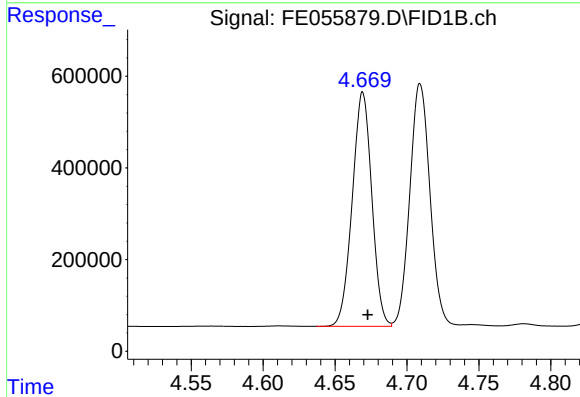
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.004 min
Response: 4259985
Conc: 33.57 ug/ml

Instrument :
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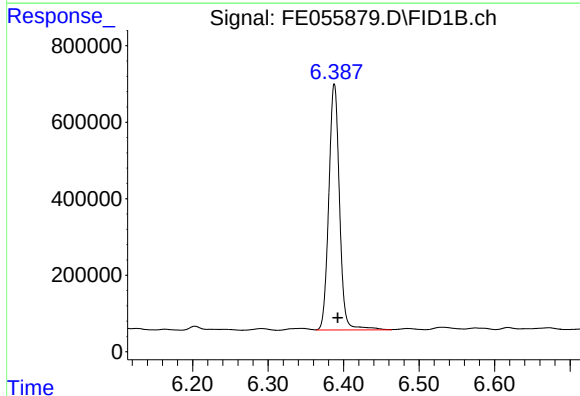
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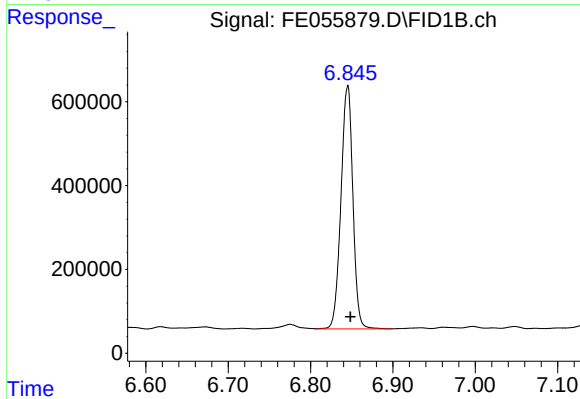
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 4861345
Conc: 37.95 ug/ml



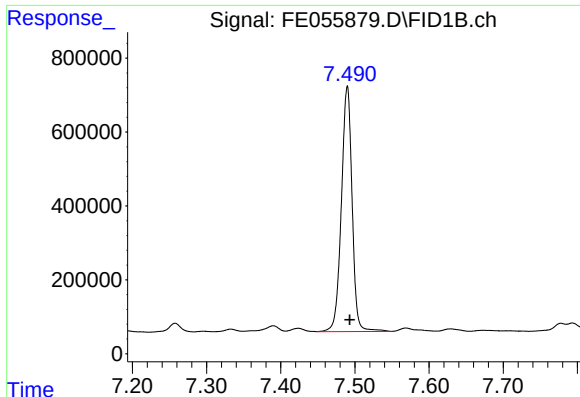
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 6348677
Conc: 43.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 5836758
Conc: 44.83 ug/ml



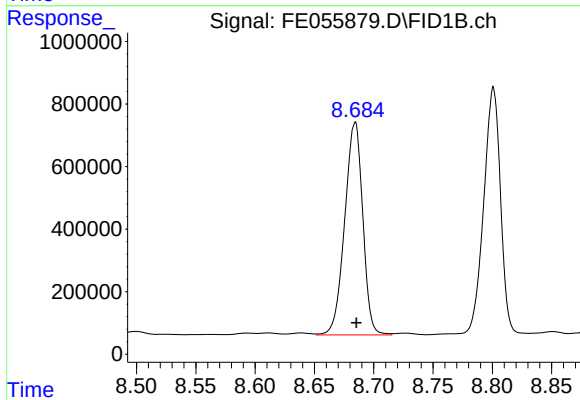
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 6689769
Conc: 47.56 ug/ml

Instrument :
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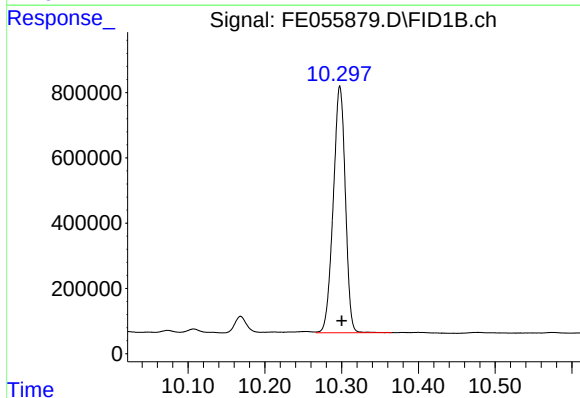
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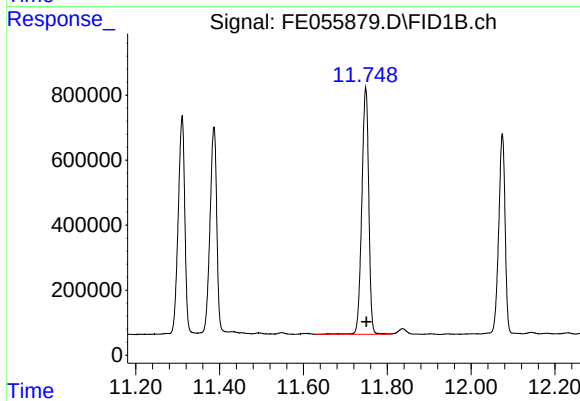
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 7220752
Conc: 54.83 ug/ml



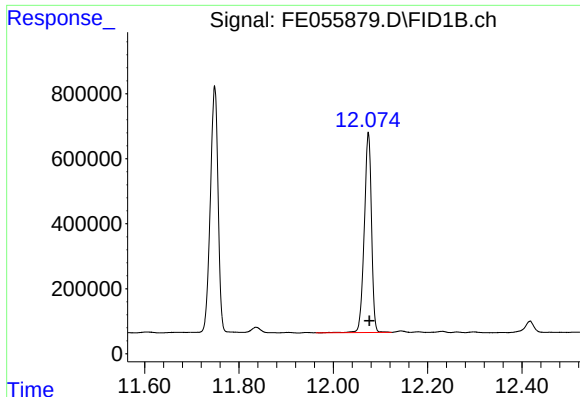
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.003 min
Response: 8260903
Conc: 59.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.748 min
Delta R.T.: -0.002 min
Response: 8754926
Conc: 60.02 ug/ml



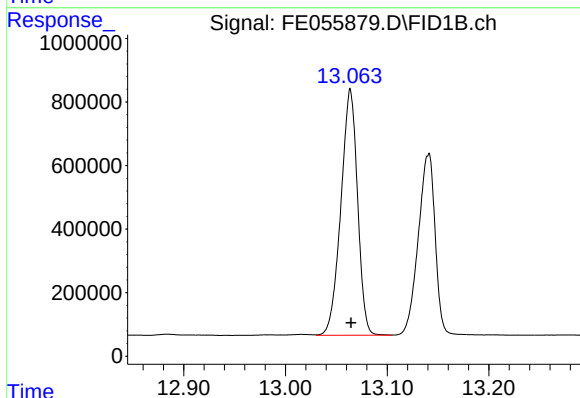
#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.002 min
Response: 6532606
Conc: 39.76 ug/ml

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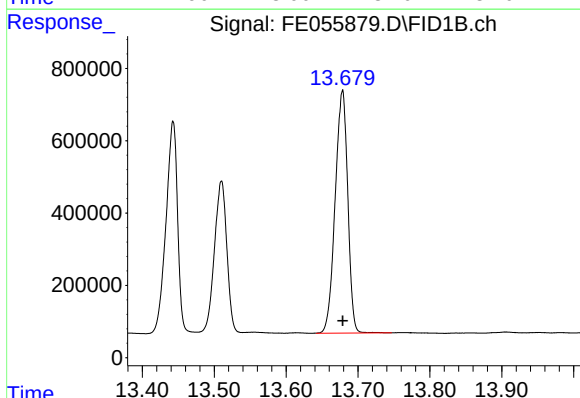
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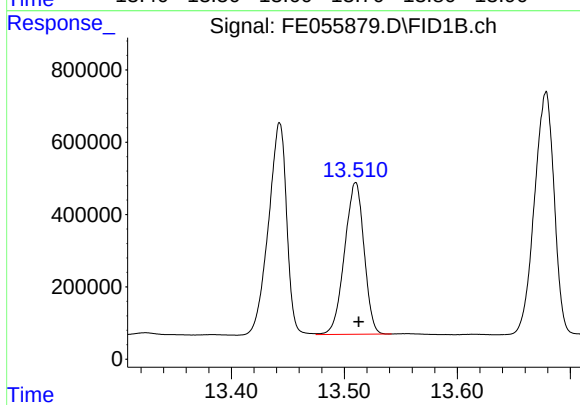
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 8812962
Conc: 61.22 ug/ml



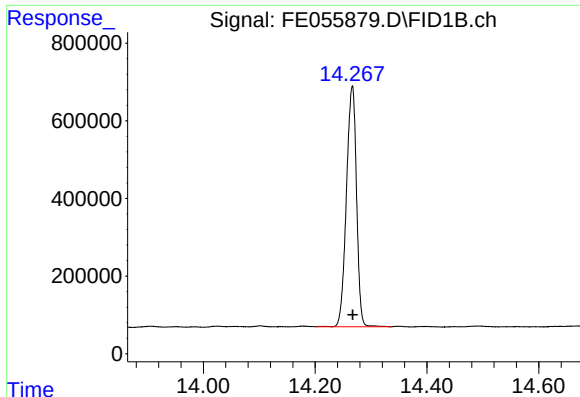
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 8167400
Conc: 57.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 5027109
Conc: 40.20 ug/ml



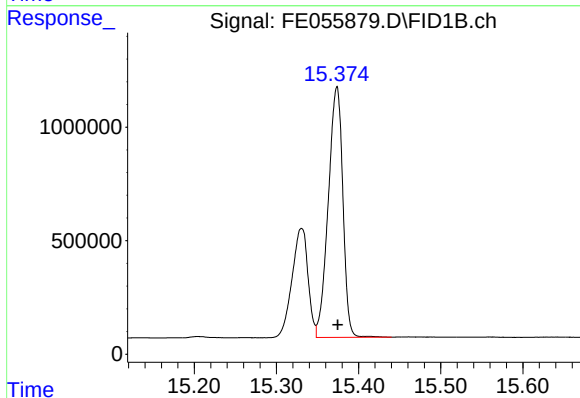
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.001 min
Response: 7780906
Conc: 54.36 ug/ml

Instrument :
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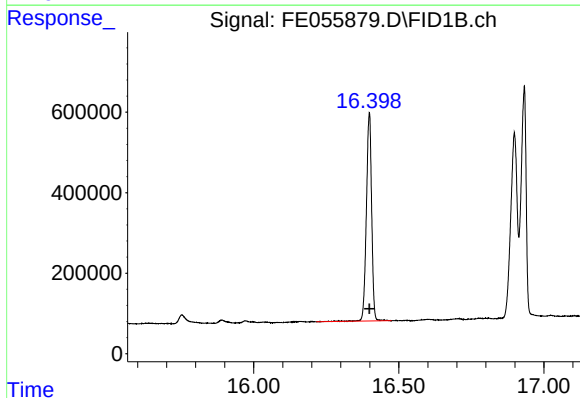
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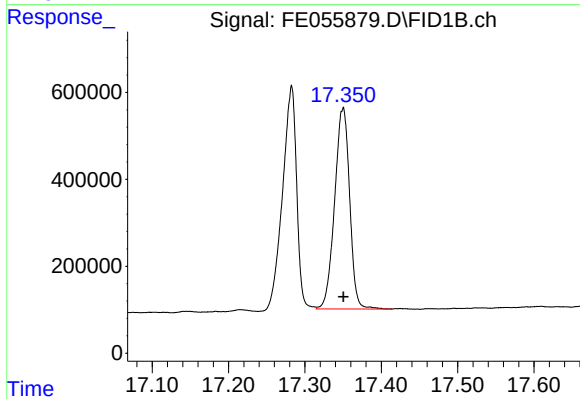
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.001 min
Response: 13616060
Conc: 94.10 ug/ml



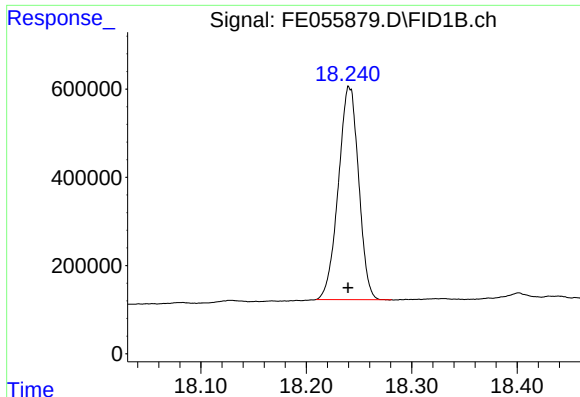
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 6526706
Conc: 45.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 6319180
Conc: 44.43 ug/ml



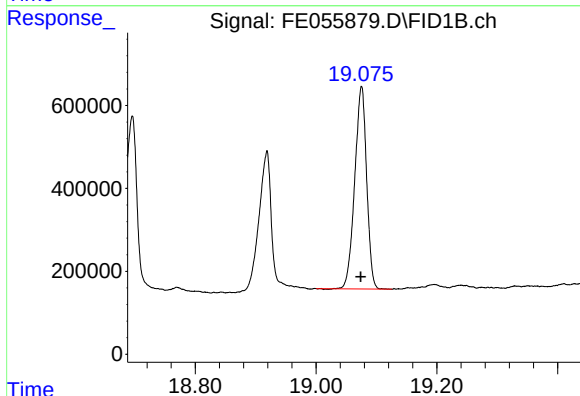
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 6465107
Conc: 43.74 ug/ml

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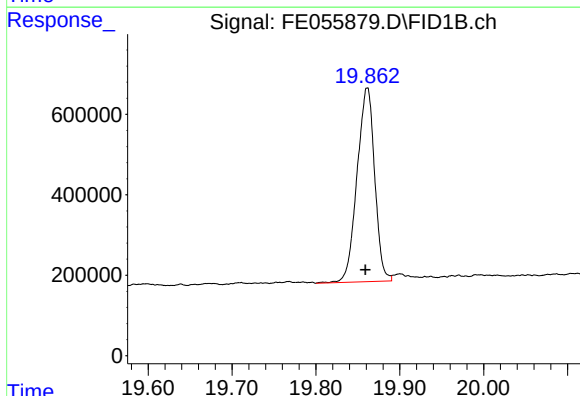
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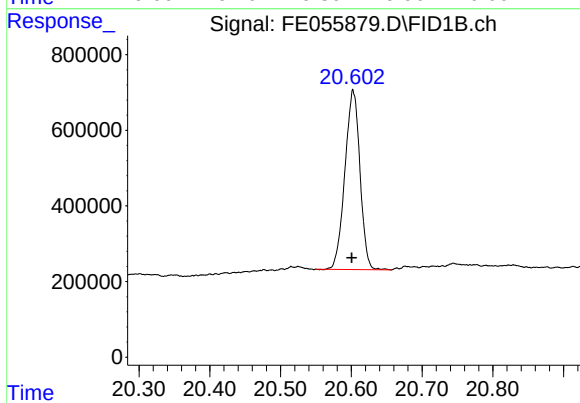
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: 0.002 min
Response: 6684644
Conc: 45.54 ug/ml



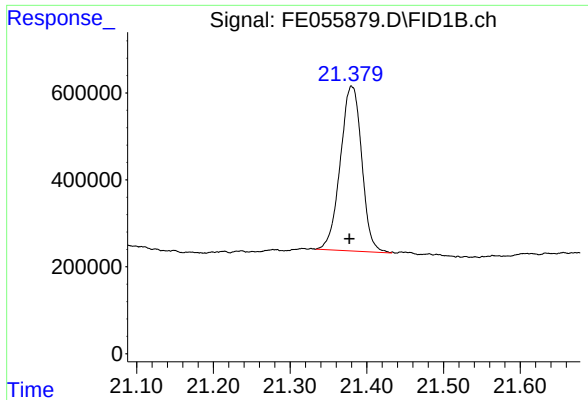
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: 0.002 min
Response: 7035641
Conc: 49.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: 0.002 min
Response: 7012587
Conc: 53.14 ug/ml



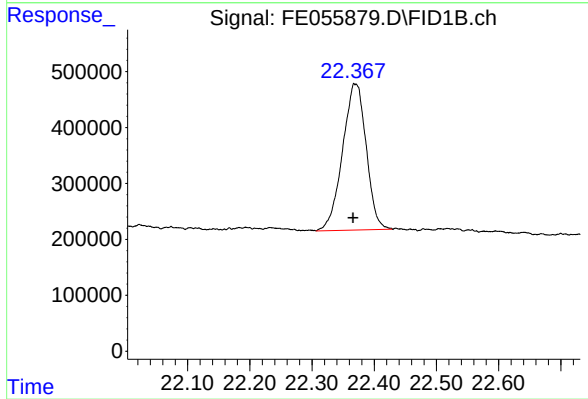
#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.002 min
Response: 7340430
Conc: 56.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: 0.000 min
Response: 6918331
Conc: 53.95 ug/ml m