

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062722AL\
 Data File : FE036247.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2022 22:45
 Operator : YP\AJ
 Sample : N3501-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 B2208-35MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 03:14:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.878	6362672	31.846 ug/ml
Spiked Amount 50.000		Recovery =	63.69%
12) S 1-chlorooctadecane (S...	13.316	5002543	32.313 ug/ml
Spiked Amount 50.000		Recovery =	64.63%
Target Compounds			
1) T n-Nonane (C9)	3.273	6908206	38.409 ug/ml
2) T n-Decane (C10)	4.526	8063862	44.859 ug/ml
3) T A~Naphthalene (C11.7)	6.225	9503952	47.369 ug/ml
4) T n-Dodecane (C12)	6.691	8697049	46.954 ug/ml
5) T A~2-methylnaphthalene...	7.322	9786056	48.072 ug/ml
6) T n-Tetradecane (C14)	8.520	9590661	51.300 ug/ml
7) T n-Hexadecane (C16)	10.124	10627724	56.750 ug/ml
8) T n-Octadecane (C18)	11.567	11298654	60.731 ug/ml
10) T n-Eicosane (C20)	12.875	10866916	59.984 ug/ml
11) T n-Heneicosane (C21)	13.487	10699399	59.564 ug/ml
13) T n-Docosane (C22)	14.073	10528790	59.552 ug/ml
14) T n-Tetracosane (C24)	15.176	8277786	48.330 ug/mlm
15) T n-Hexacosane (C26)	16.199	9859991	59.678 ug/ml
16) T n-Octacosane (C28)	17.147	9369410	58.532 ug/ml
17) T n-Tricontane (C30)	18.035	8961643	57.884 ug/mlm
18) T n-Dotriacontane (C32)	18.866	8932283	61.123 ug/ml
19) T n-Tetratriacontane (C34)	19.650	8505072	61.461 ug/mlm
20) T n-Hexatriacontane (C36)	20.389	8209230	61.150 ug/mlm
21) T n-Octatriacontane (C38)	21.121	7651581	57.535 ug/ml
22) T n-Tetracontane (C40)	22.018	8348776	59.708 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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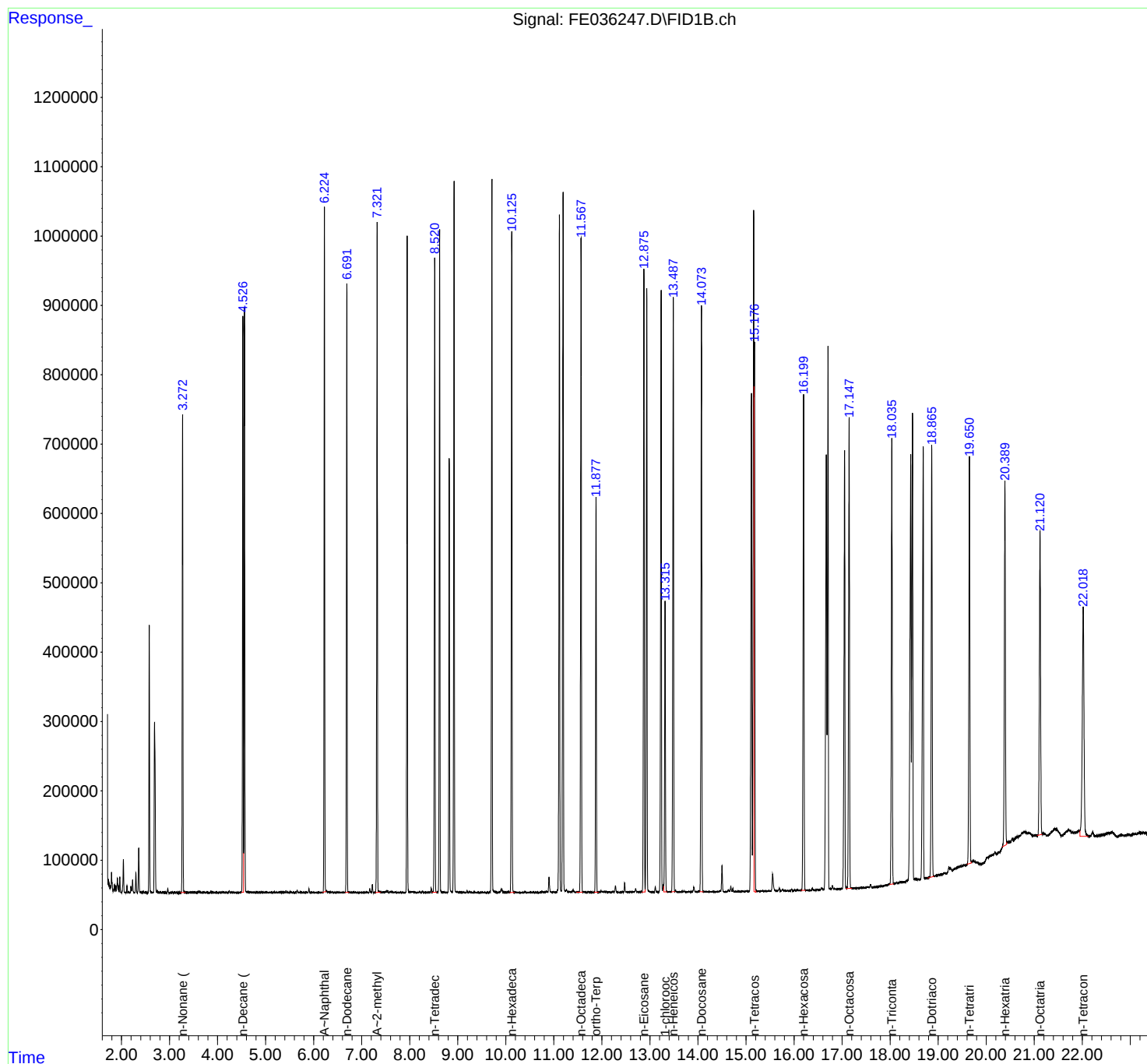
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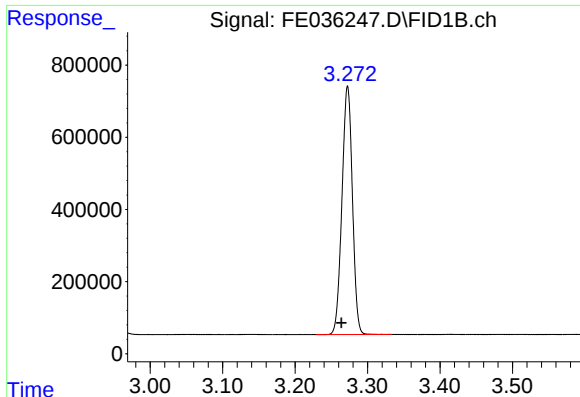
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#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: 0.009 min
Response: 6908206
Conc: 38.41 ug/ml

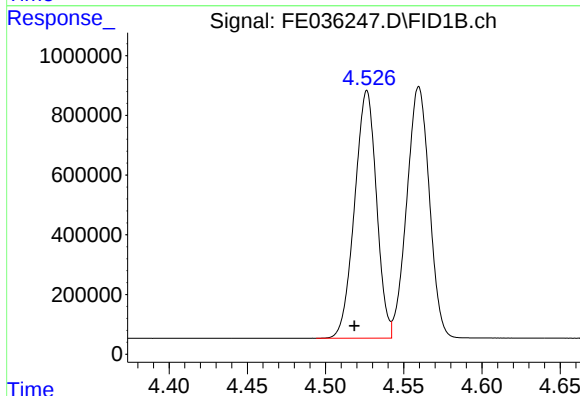
Instrument :

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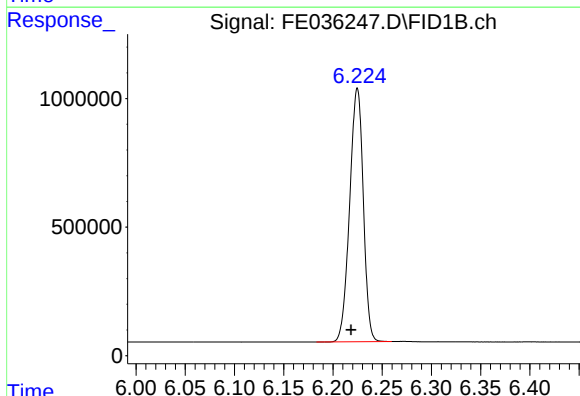
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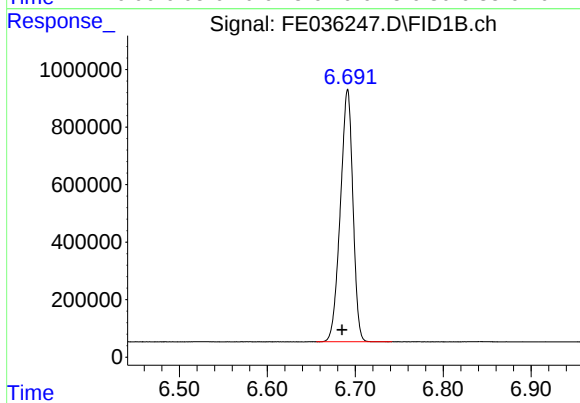
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.008 min
Response: 8063862
Conc: 44.86 ug/ml



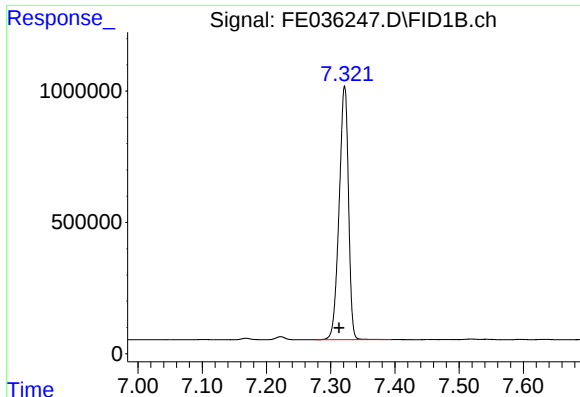
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: 0.007 min
Response: 9503952
Conc: 47.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: 0.006 min
Response: 8697049
Conc: 46.95 ug/ml



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

R.T.: 7.322 min
Delta R.T.: 0.009 min
Response: 9786056
Conc: 48.07 ug/ml

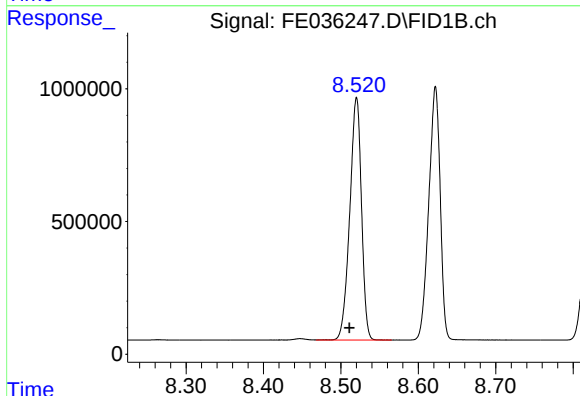
Instrument :

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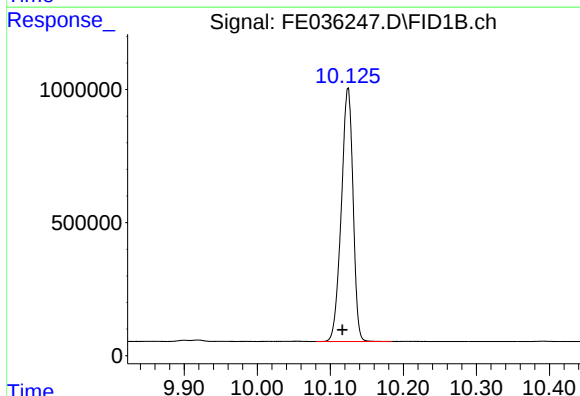
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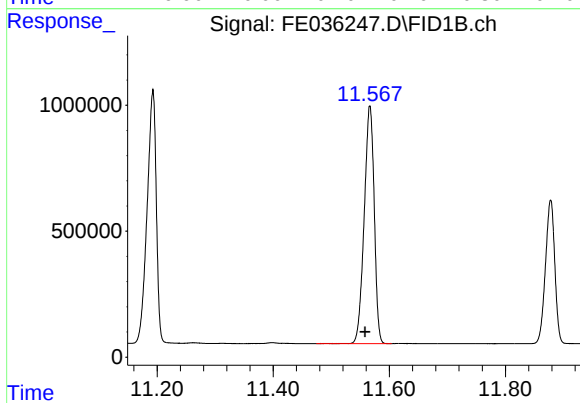
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.009 min
Response: 9590661
Conc: 51.30 ug/ml



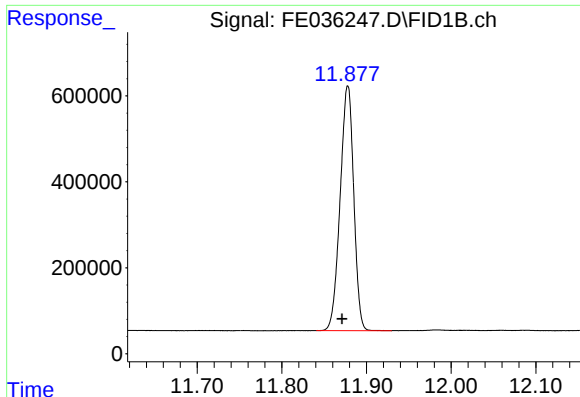
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.008 min
Response: 10627724
Conc: 56.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: 0.008 min
Response: 11298654
Conc: 60.73 ug/ml



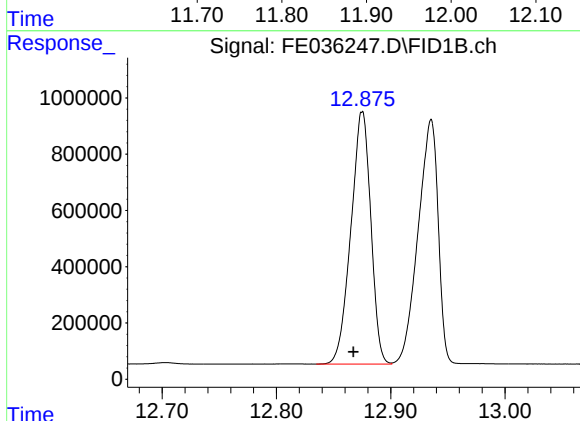
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.007 min
Response: 6362672
Conc: 31.85 ug/ml

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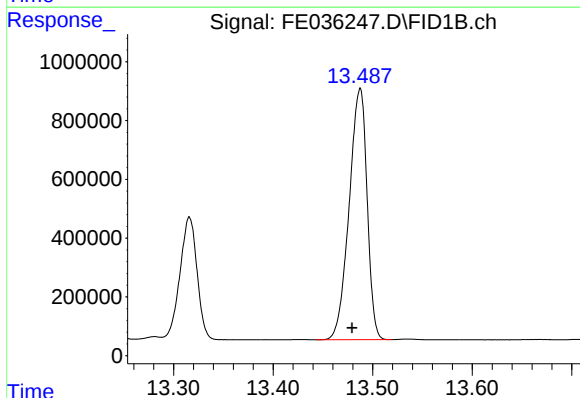
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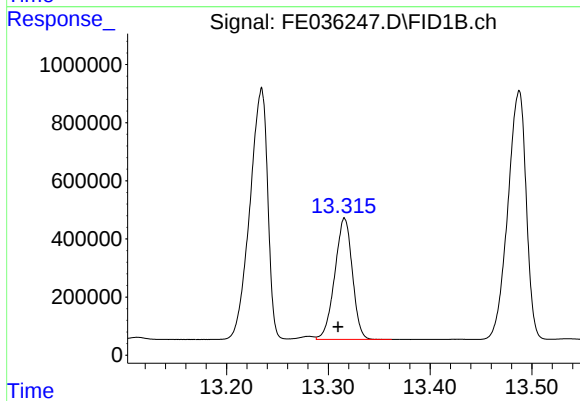
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.008 min
Response: 10866916
Conc: 59.98 ug/ml



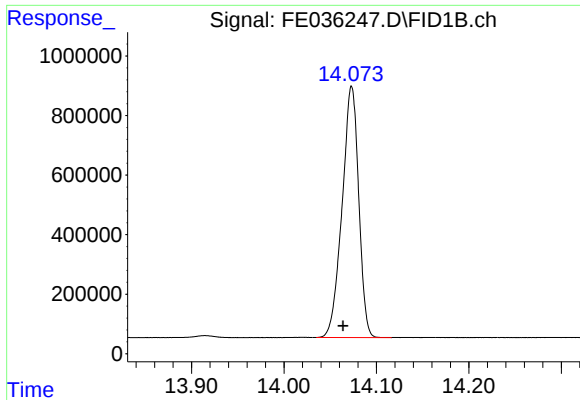
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: 0.008 min
Response: 10699399
Conc: 59.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: 0.006 min
Response: 5002543
Conc: 32.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: 0.009 min
Response: 10528790
Conc: 59.55 ug/ml

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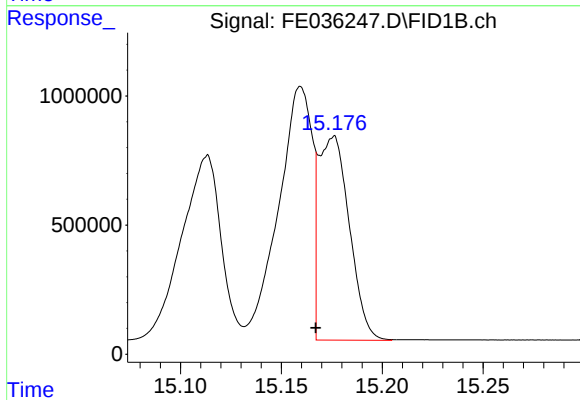
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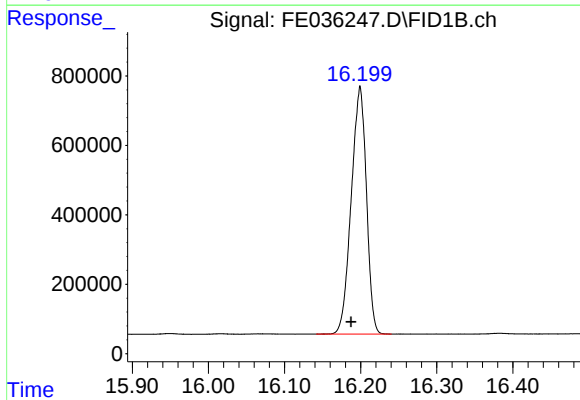
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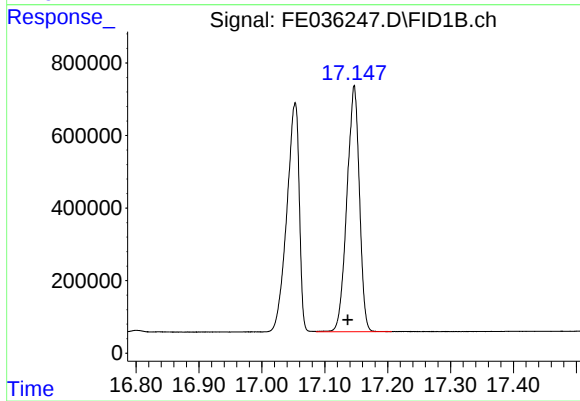
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.009 min
Response: 8277786
Conc: 48.33 ug/ml m



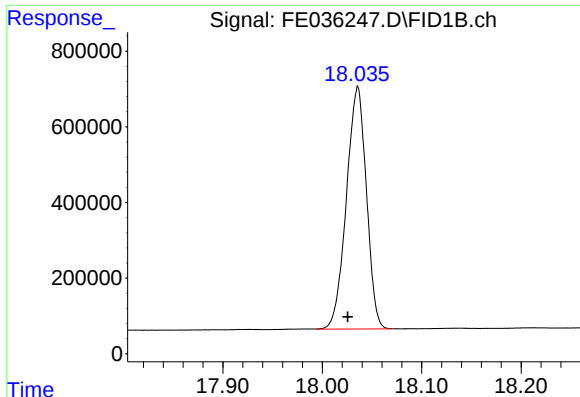
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.012 min
Response: 9859991
Conc: 59.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.010 min
Response: 9369410
Conc: 58.53 ug/ml



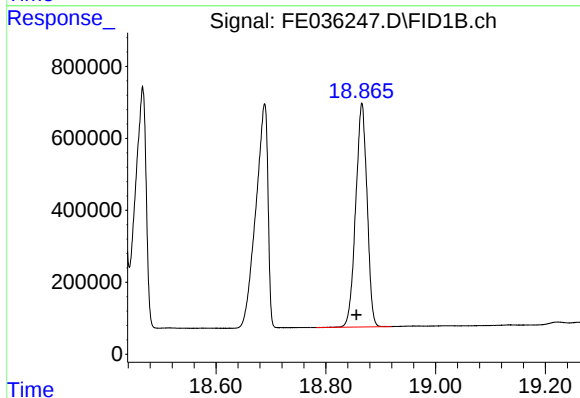
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.010 min
Response: 8961643
Conc: 57.88 ug/ml

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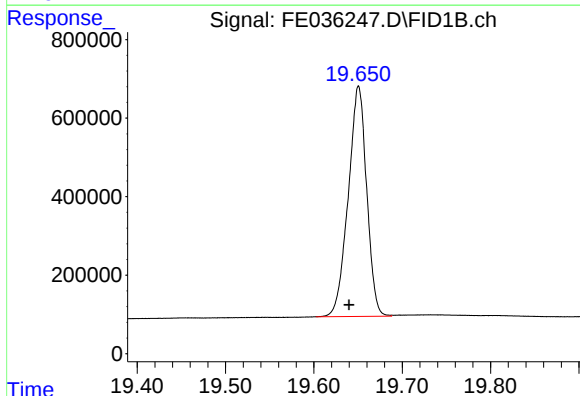
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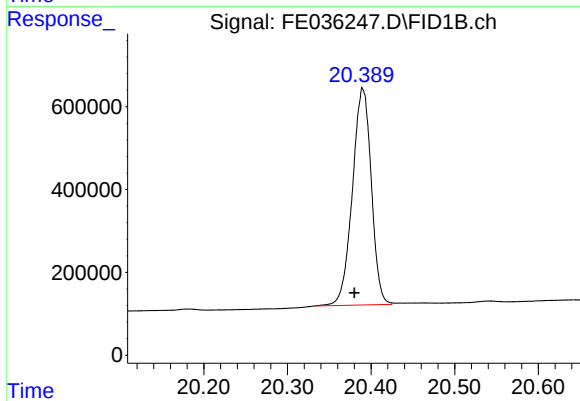
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.010 min
Response: 8932283
Conc: 61.12 ug/ml



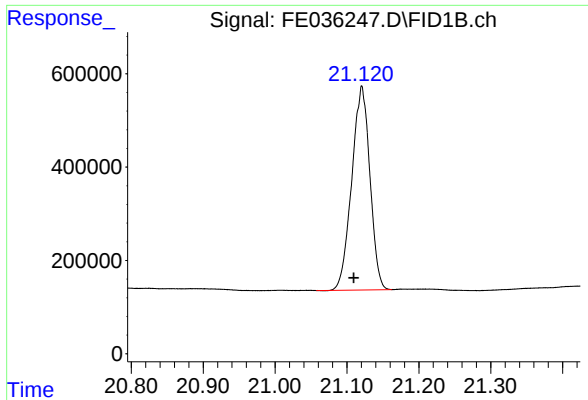
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: 0.011 min
Response: 8505072
Conc: 61.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.009 min
Response: 8209230
Conc: 61.15 ug/ml m



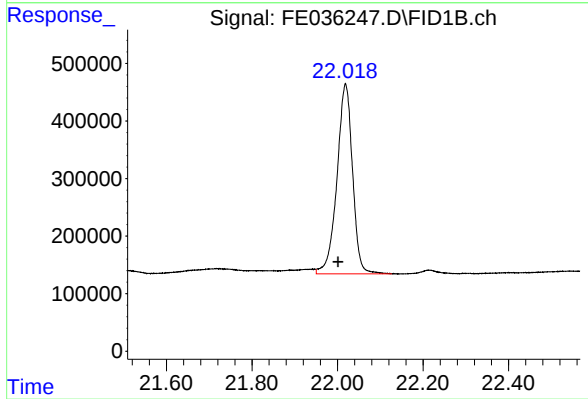
#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.011 min
Response: 7651581
Conc: 57.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.017 min
Response: 8348776
Conc: 59.71 ug/ml m