

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060122AL\
 Data File : FE035836.D
 Signal(s) : FID1B.CH
 Acq On : 01 Jun 2022 11:23
 Operator : YP\AJ
 Sample : PB145217BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145217BSD

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Jun 02 08:50:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.957	6922172	52.183 ug/ml
Spiked Amount 50.000		Recovery =	104.37%
12) S 1-chlorooctadecane (S...	12.387	5476318	52.352 ug/ml
Spiked Amount 50.000		Recovery =	104.70%
Target Compounds			
1) T n-Nonane (C9)	2.820	5724165	47.928 ug/ml
2) T n-Decane (C10)	3.829	5970498	50.454 ug/ml
3) T A~Naphthalene (C11.7)	5.391	7101660	53.147 ug/ml
4) T n-Dodecane (C12)	5.812	6264801	52.291 ug/ml
5) T A~2-methylnaphthalene...	6.438	7013912	51.866 ug/ml
6) T n-Tetradecane (C14)	7.601	6368893	53.435 ug/ml
7) T n-Hexadecane (C16)	9.198	6433202	53.952 ug/ml
8) T n-Octadecane (C18)	10.637	6634065	55.342 ug/ml
10) T n-Eicosane (C20)	11.943	6413810	53.762 ug/ml
11) T n-Heneicosane (C21)	12.554	6344655	52.843 ug/ml
13) T n-Docosane (C22)	13.138	6278285	52.133 ug/ml
14) T n-Tetracosane (C24)	14.232	12383757	102.345 ug/ml
15) T n-Hexacosane (C26)	15.259	6020798	49.753 ug/ml
16) T n-Octacosane (C28)	16.205	5871561	48.447 ug/ml
17) T n-Tricontane (C30)	17.091	5711011	47.495 ug/ml
18) T n-Dotriacontane (C32)	17.920	5582948	48.580 ug/ml
19) T n-Tetratriacontane (C34)	18.703	5264985	48.671 ug/ml
20) T n-Hexatriacontane (C36)	19.440	4570900	45.375 ug/ml
21) T n-Octatriacontane (C38)	20.176	3995493	41.936 ug/ml
22) T n-Tetracontane (C40)	21.089	3788187	40.565 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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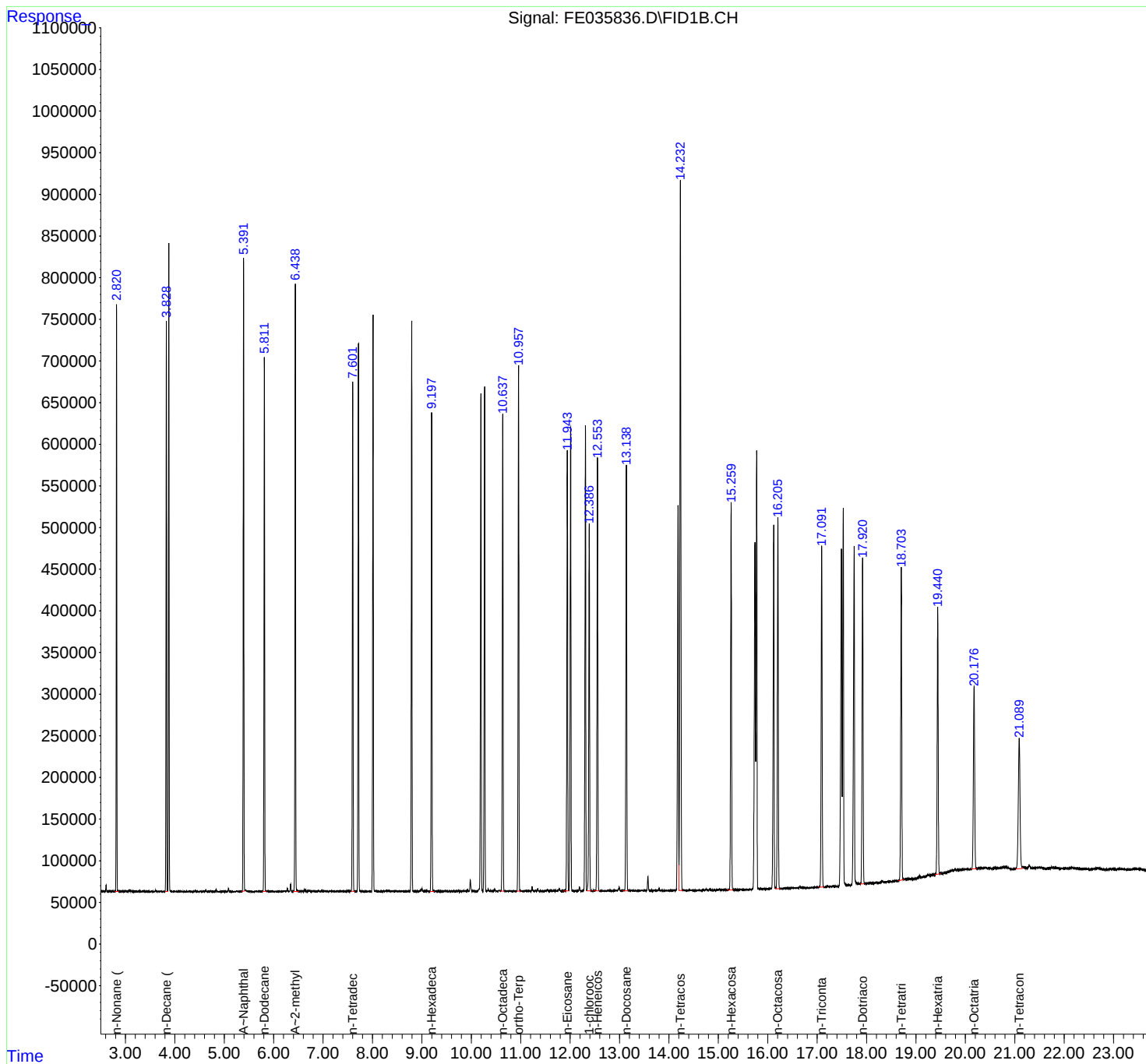
Instrument :
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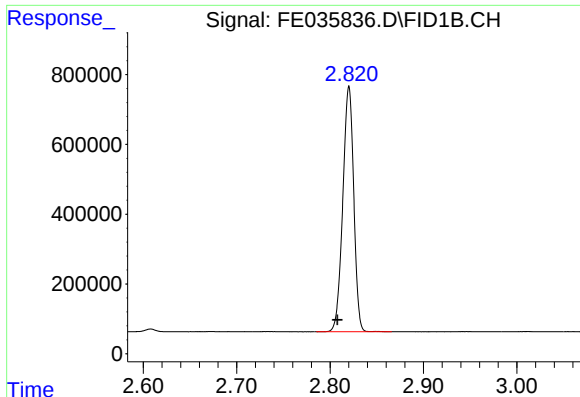
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#1 n-Nonane (C9)

R.T.: 2.820 min
Delta R.T.: 0.012 min
Response: 5724165
Conc: 47.93 ug/ml

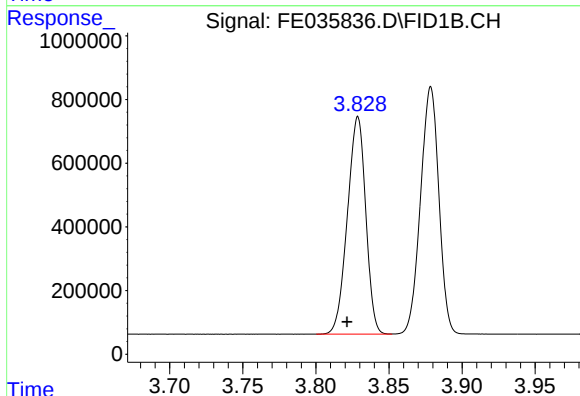
Instrument :

FID_E

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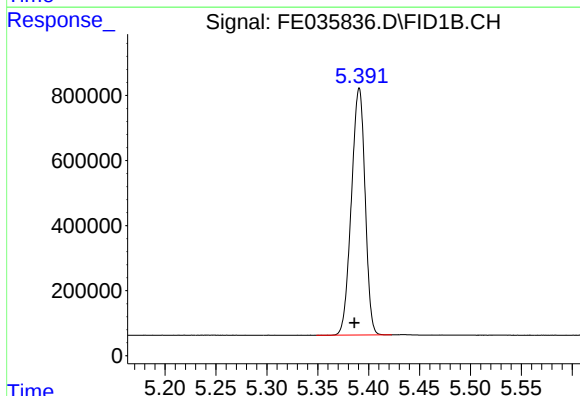
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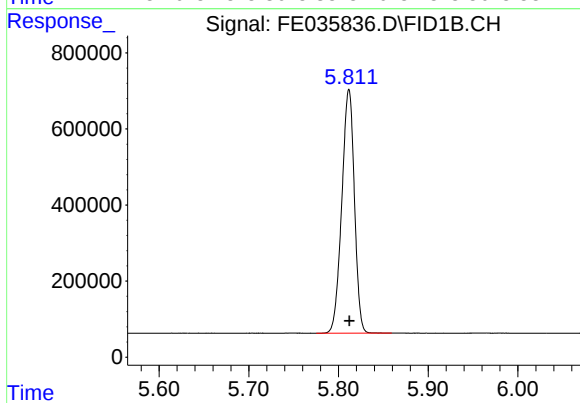
#2 n-Decane (C10)

R.T.: 3.829 min
Delta R.T.: 0.007 min
Response: 5970498
Conc: 50.45 ug/ml



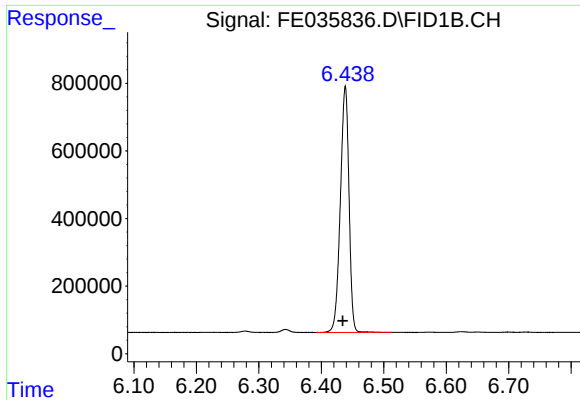
#3 A~Naphthalene (C11.7)

R.T.: 5.391 min
Delta R.T.: 0.005 min
Response: 7101660
Conc: 53.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 6264801
Conc: 52.29 ug/ml



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

R.T.: 6.438 min
Delta R.T.: 0.004 min
Response: 7013912
Conc: 51.87 ug/ml

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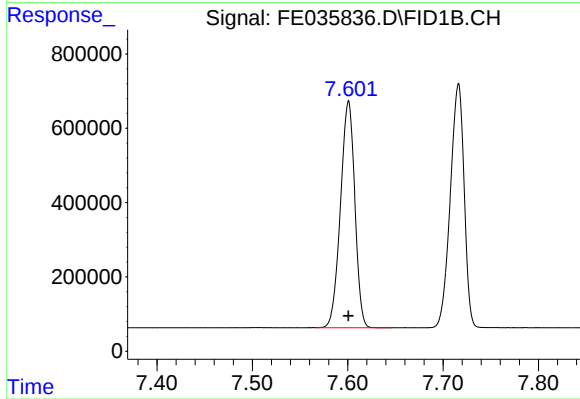
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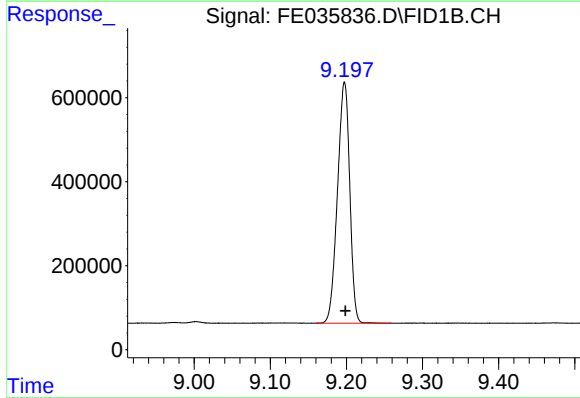
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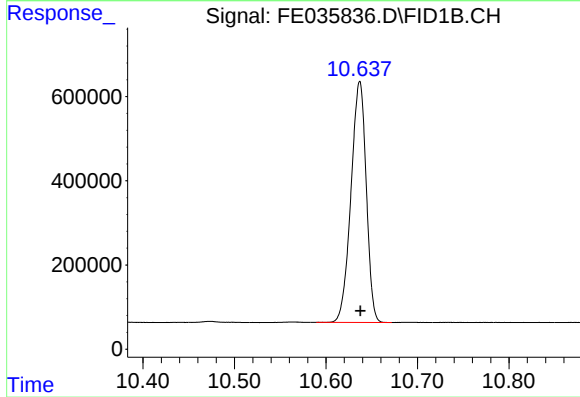
#6 n-Tetradecane (C14)

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 6368893
Conc: 53.44 ug/ml



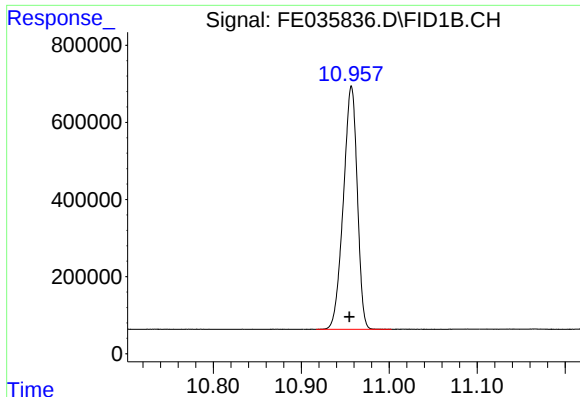
#7 n-Hexadecane (C16)

R.T.: 9.198 min
Delta R.T.: -0.001 min
Response: 6433202
Conc: 53.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.637 min
Delta R.T.: 0.000 min
Response: 6634065
Conc: 55.34 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 6922172
Conc: 52.18 ug/ml

Instrument :

FID_E

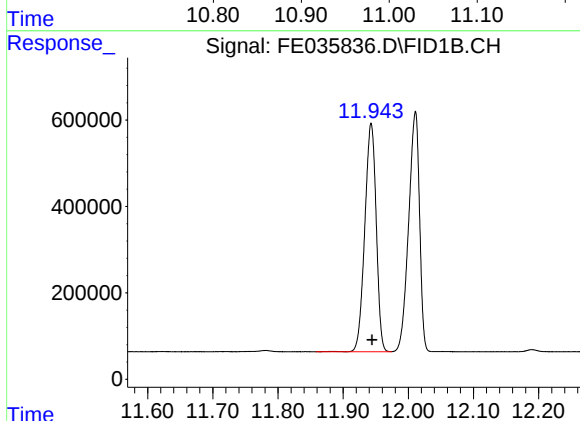
ClientSampleId :

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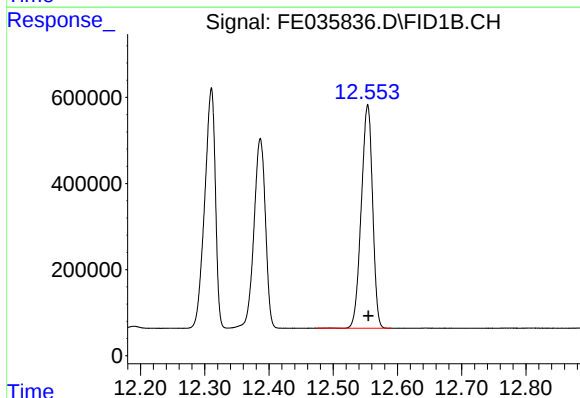
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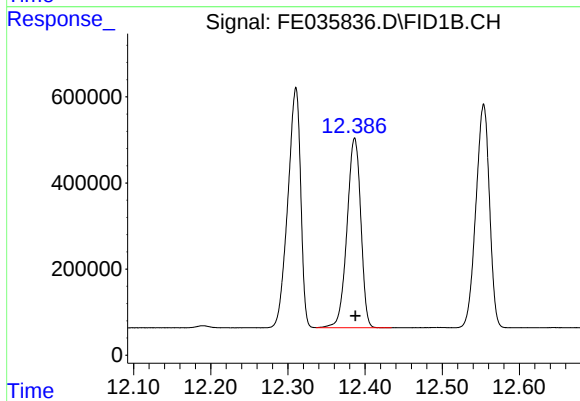
#10 n-Eicosane (C20)

R.T.: 11.943 min
Delta R.T.: -0.001 min
Response: 6413810
Conc: 53.76 ug/ml



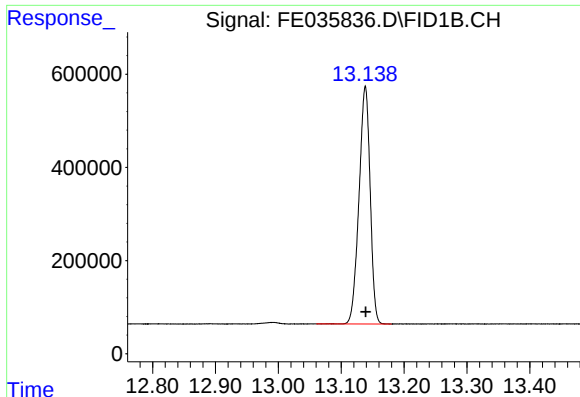
#11 n-Heneicosane (C21)

R.T.: 12.554 min
Delta R.T.: -0.001 min
Response: 6344655
Conc: 52.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.387 min
Delta R.T.: -0.001 min
Response: 5476318
Conc: 52.35 ug/ml



#13 n-Docosane (C22)

R.T.: 13.138 min
Delta R.T.: 0.000 min
Response: 6278285
Conc: 52.13 ug/ml

Instrument :

FID_E

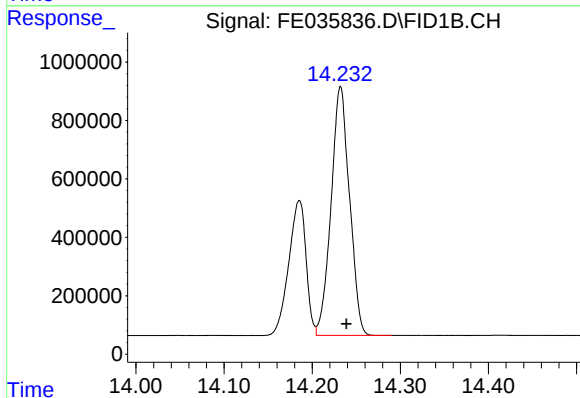
ClientSampleId :

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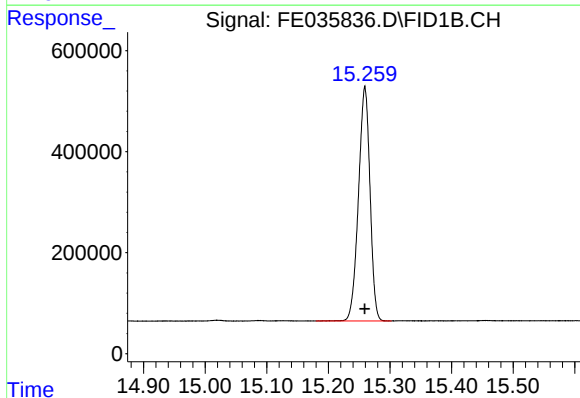
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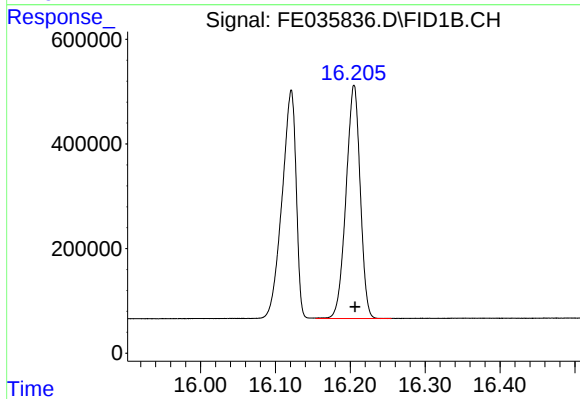
#14 n-Tetracosane (C24)

R.T.: 14.232 min
Delta R.T.: -0.007 min
Response: 12383757
Conc: 102.35 ug/ml



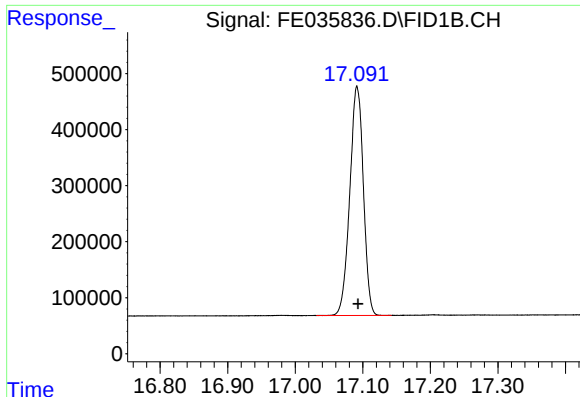
#15 n-Hexacosane (C26)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 6020798
Conc: 49.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.205 min
Delta R.T.: -0.001 min
Response: 5871561
Conc: 48.45 ug/ml



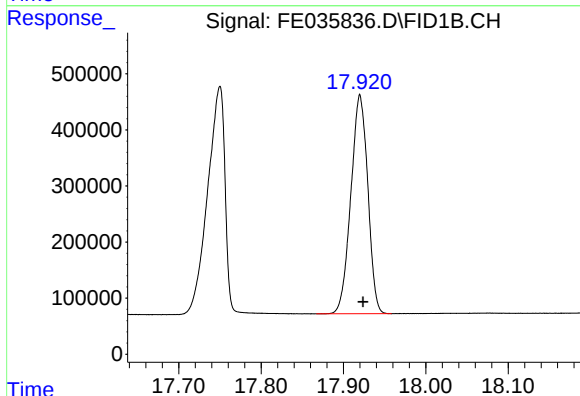
#17 n-Tricontane (C30)

R.T.: 17.091 min
Delta R.T.: -0.002 min
Response: 5711011
Conc: 47.50 ug/ml

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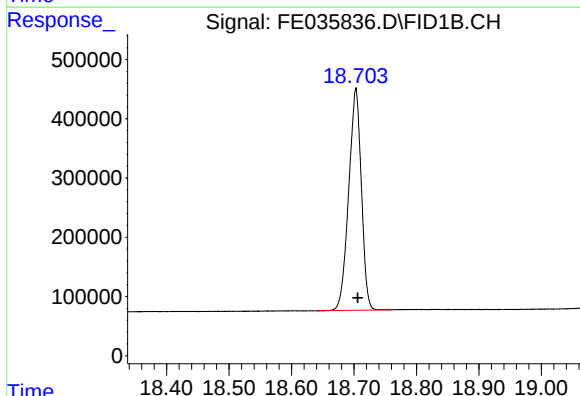
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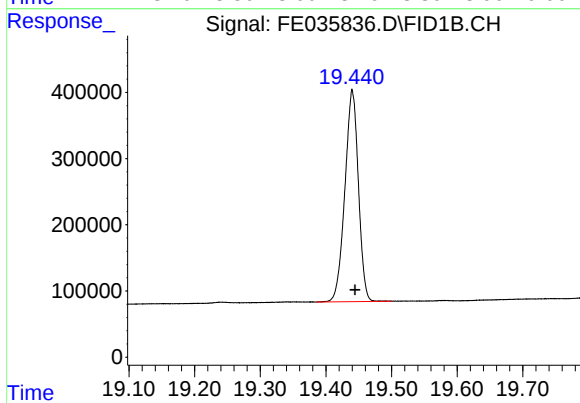
#18 n-Dotriacontane (C32)

R.T.: 17.920 min
Delta R.T.: -0.004 min
Response: 5582948
Conc: 48.58 ug/ml



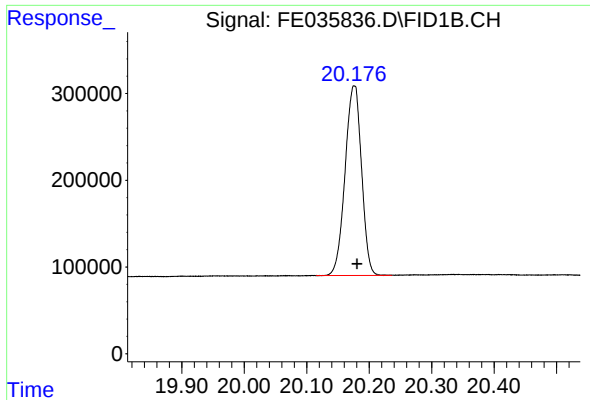
#19 n-Tetratriacontane (C34)

R.T.: 18.703 min
Delta R.T.: -0.003 min
Response: 5264985
Conc: 48.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.440 min
Delta R.T.: -0.004 min
Response: 4570900
Conc: 45.38 ug/ml



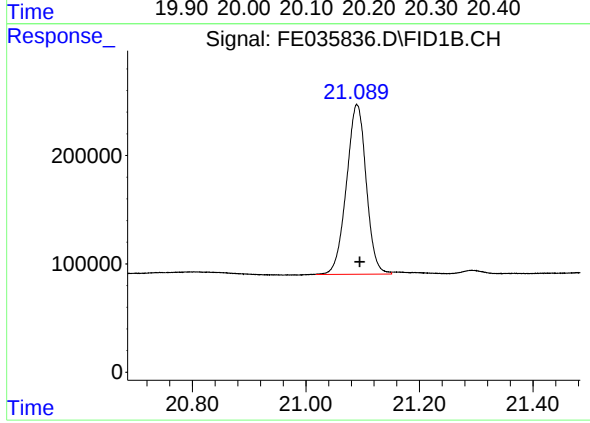
#21 n-Octatriacontane (C38)

R.T.: 20.176 min
Delta R.T.: -0.005 min
Response: 3995493
Conc: 41.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.089 min
Delta R.T.: -0.005 min
Response: 3788187
Conc: 40.56 ug/ml m