

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060122AL\
 Data File : FE035849.D
 Signal(s) : FID1B.CH
 Acq On : 01 Jun 2022 18:47
 Operator : YP\AJ
 Sample : N3061-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3MS

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 08:53:22 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	5292903	39.901 ug/mlm
Spiked Amount 50.000		Recovery =	79.80%
12) S 1-chlorooctadecane (S...	12.387	4289212	41.004 ug/ml
Spiked Amount 50.000		Recovery =	82.01%
Target Compounds			
1) T n-Nonane (C9)	2.821	6560351	54.929 ug/ml
2) T n-Decane (C10)	3.829	6911686	58.407 ug/ml
3) T A~Naphthalene (C11.7)	5.392	8498842	63.603 ug/ml
4) T n-Dodecane (C12)	5.812	7550008	63.018 ug/ml
5) T A~2-methylnaphthalene...	6.440	8736272	64.602 ug/ml
6) T n-Tetradecane (C14)	7.602	7361957	61.767 ug/mlm
7) T n-Hexadecane (C16)	9.199	7612674	63.844 ug/mlm
8) T n-Octadecane (C18)	10.639	7775312	64.862 ug/mlm
10) T n-Eicosane (C20)	11.946	7870385	65.971 ug/ml
11) T n-Heneicosane (C21)	12.555	7474321	62.252 ug/ml
13) T n-Docosane (C22)	13.139	7467266	62.006 ug/ml
14) T n-Tetracosane (C24)	14.235	14737407	121.797 ug/ml
15) T n-Hexacosane (C26)	15.261	7149743	59.082 ug/ml
16) T n-Octacosane (C28)	16.207	7046702	58.143 ug/ml
17) T n-Tricontane (C30)	17.094	6839006	56.876 ug/ml
18) T n-Dotriacontane (C32)	17.923	6714556	58.427 ug/ml
19) T n-Tetratriacontane (C34)	18.704	6474122	59.848 ug/ml
20) T n-Hexatriacontane (C36)	19.441	5869433	58.266 ug/mlm
21) T n-Octatriacontane (C38)	20.179	5635437	59.149 ug/ml
22) T n-Tetracontane (C40)	21.093	5544084	59.367 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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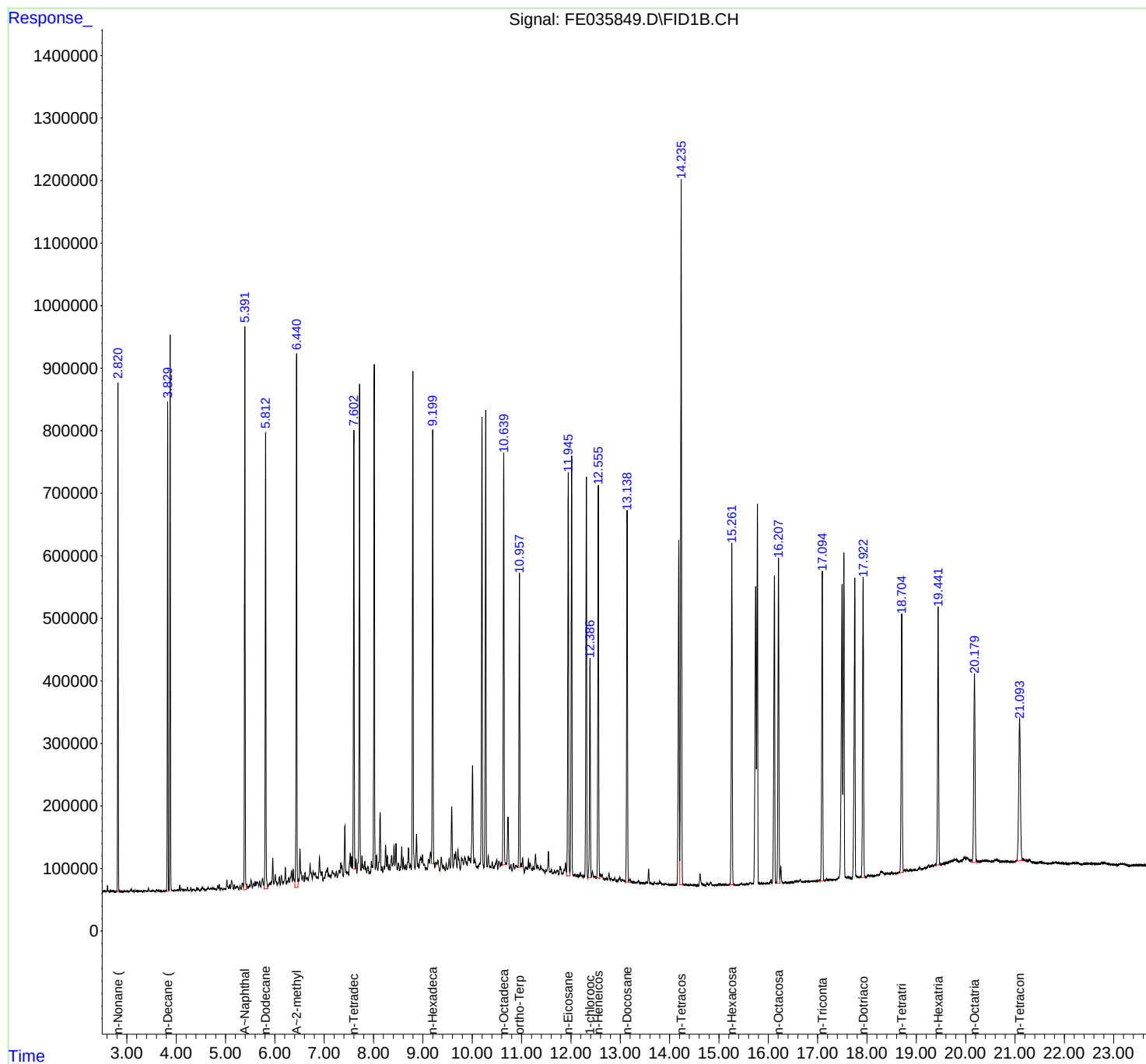
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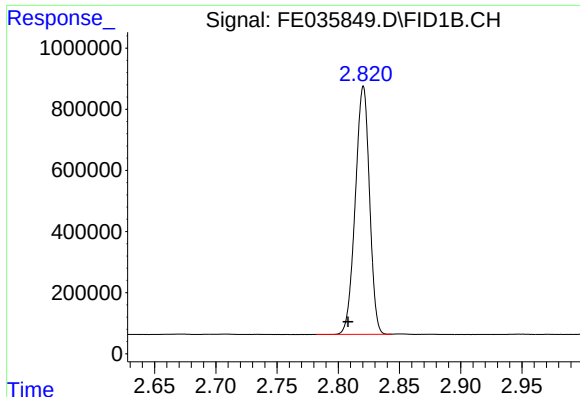
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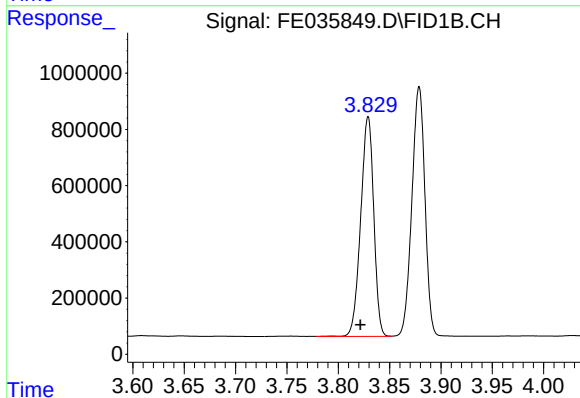
#1 n-Nonane (C9)

R.T.: 2.821 min
Delta R.T.: 0.013 min
Response: 6560351
Conc: 54.93 ug/ml

Instrument :
FID_E
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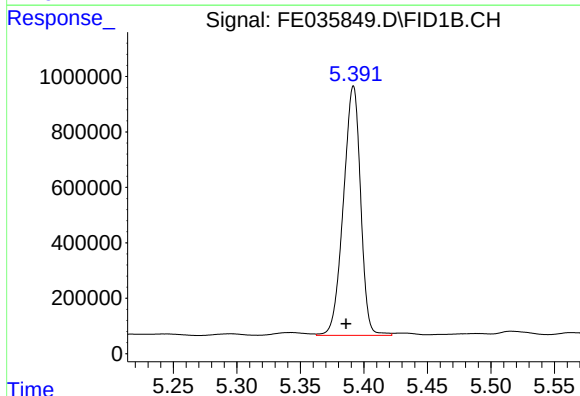
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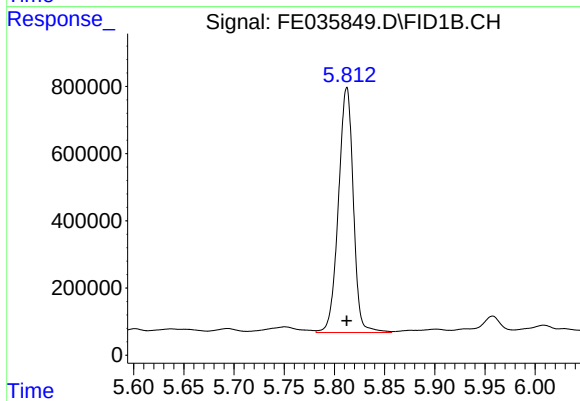
#2 n-Decane (C10)

R.T.: 3.829 min
Delta R.T.: 0.008 min
Response: 6911686
Conc: 58.41 ug/ml



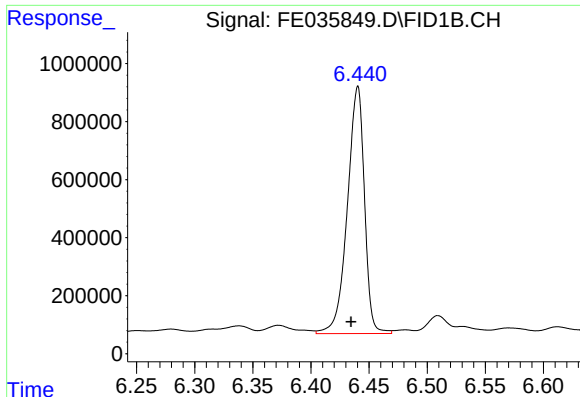
#3 A~Naphthalene (C11.7)

R.T.: 5.392 min
Delta R.T.: 0.006 min
Response: 8498842
Conc: 63.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 7550008
Conc: 63.02 ug/ml



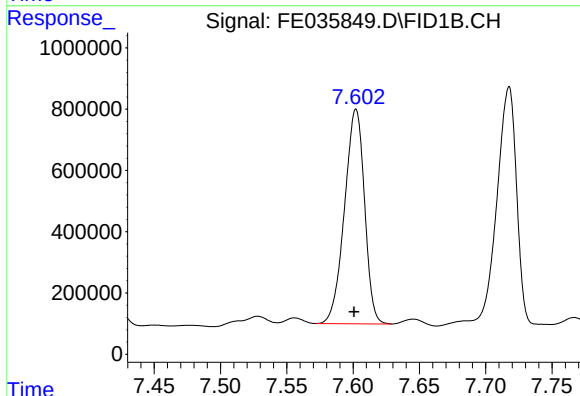
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.440 min
Delta R.T.: 0.006 min
Response: 8736272
Conc: 64.60 ug/ml

Instrument :
FID_E
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3MS

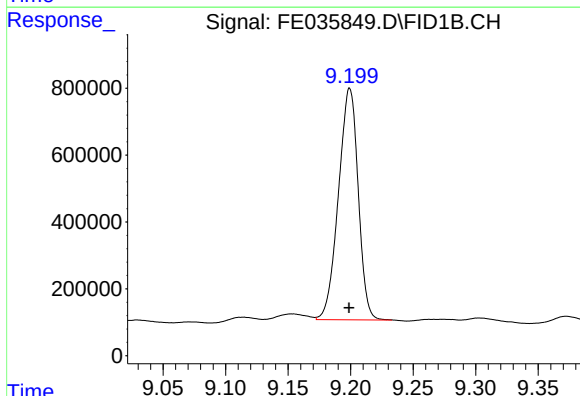
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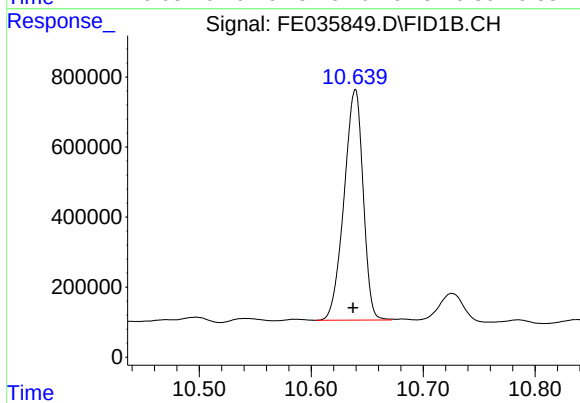
#6 n-Tetradecane (C14)

R.T.: 7.602 min
Delta R.T.: 0.001 min
Response: 7361957
Conc: 61.77 ug/ml m



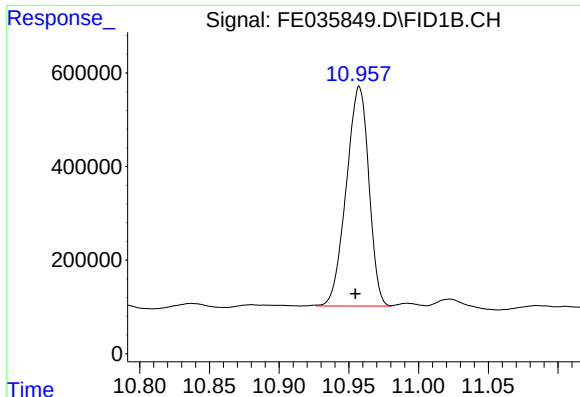
#7 n-Hexadecane (C16)

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 7612674
Conc: 63.84 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.639 min
Delta R.T.: 0.002 min
Response: 7775312
Conc: 64.86 ug/ml m



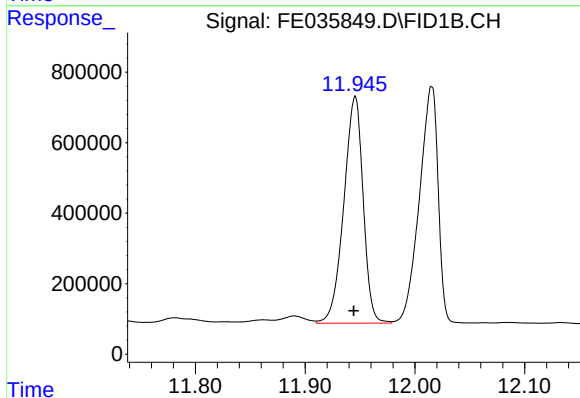
#9 ortho-Terphenyl (SURR)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 5292903
Conc: 39.90 ug/ml

Instrument :
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3MS

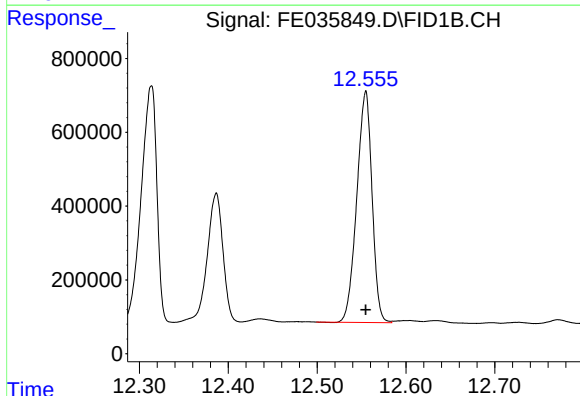
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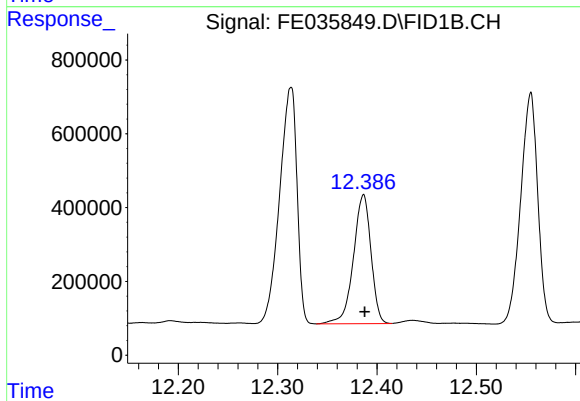
#10 n-Eicosane (C20)

R.T.: 11.946 min
Delta R.T.: 0.001 min
Response: 7870385
Conc: 65.97 ug/ml



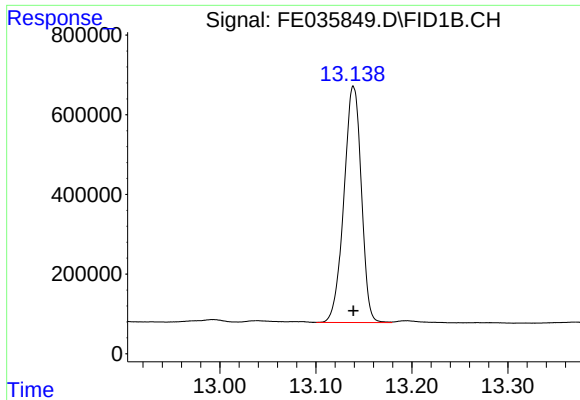
#11 n-Heneicosane (C21)

R.T.: 12.555 min
Delta R.T.: 0.000 min
Response: 7474321
Conc: 62.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.387 min
Delta R.T.: -0.001 min
Response: 4289212
Conc: 41.00 ug/ml



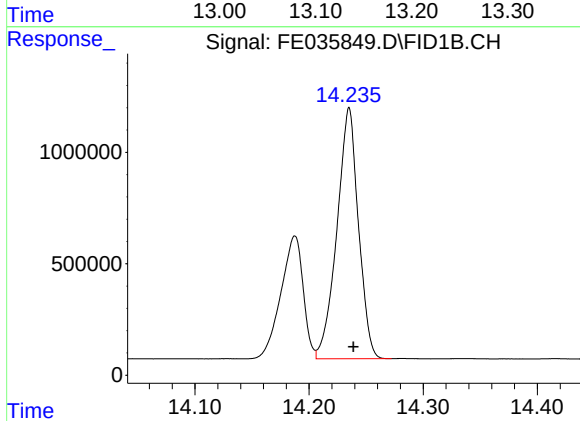
#13 n-Docosane (C22)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 7467266
Conc: 62.01 ug/ml

Instrument :
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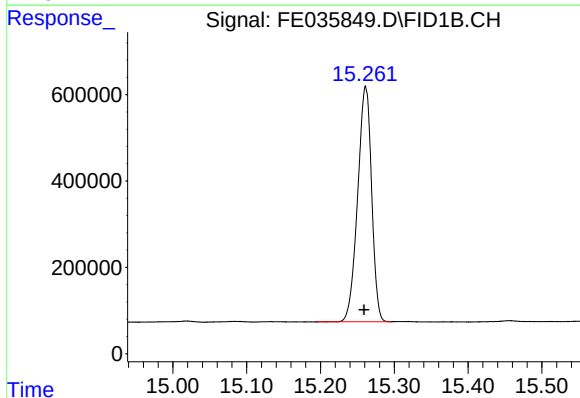
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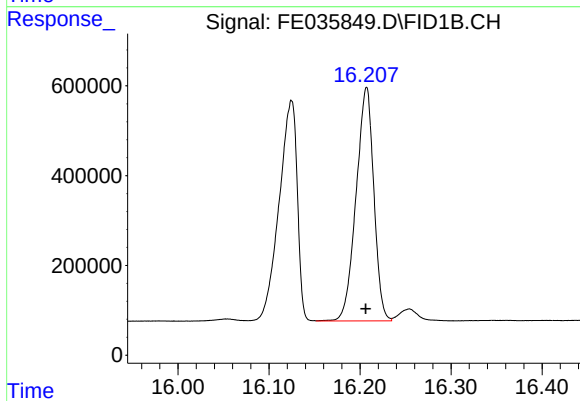
#14 n-Tetracosane (C24)

R.T.: 14.235 min
Delta R.T.: -0.004 min
Response: 14737407
Conc: 121.80 ug/ml



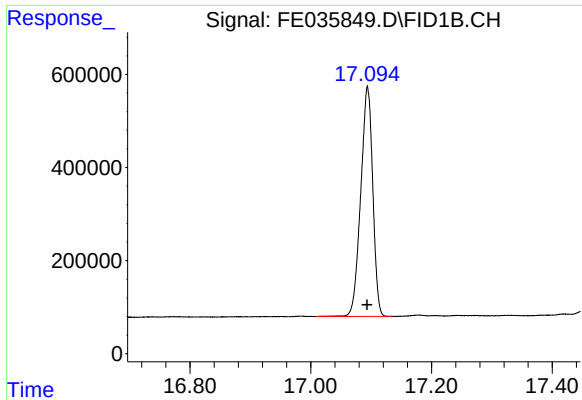
#15 n-Hexacosane (C26)

R.T.: 15.261 min
Delta R.T.: 0.002 min
Response: 7149743
Conc: 59.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.207 min
Delta R.T.: 0.000 min
Response: 7046702
Conc: 58.14 ug/ml



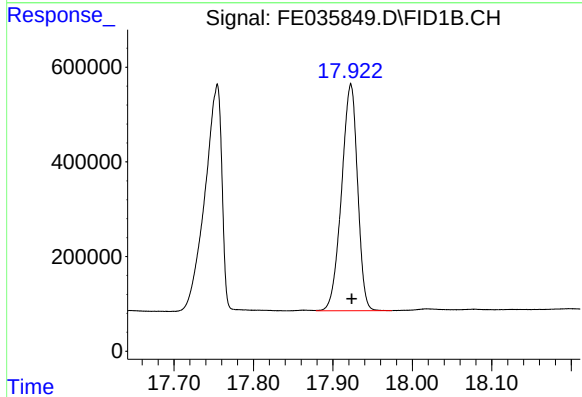
#17 n-Tricontane (C30)

R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 6839006
Conc: 56.88 ug/ml

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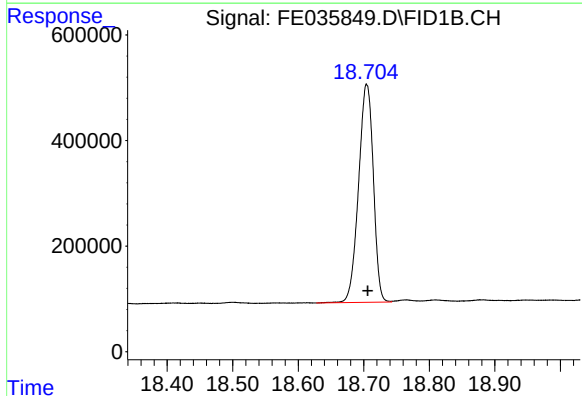
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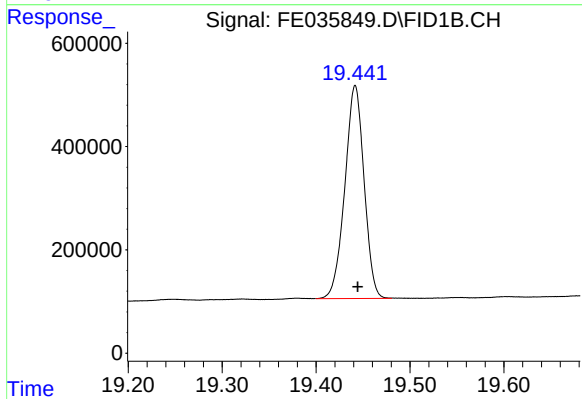
#18 n-Dotriacontane (C32)

R.T.: 17.923 min
Delta R.T.: -0.001 min
Response: 6714556
Conc: 58.43 ug/ml



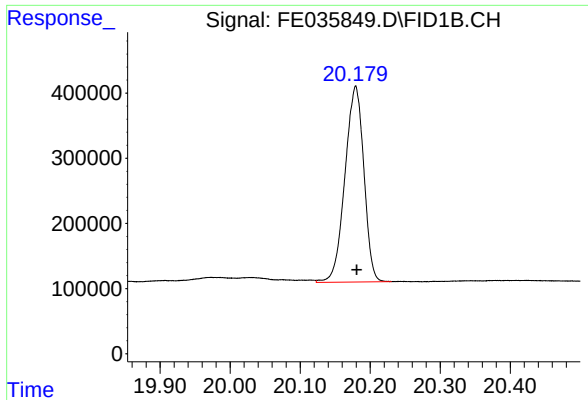
#19 n-Tetratriacontane (C34)

R.T.: 18.704 min
Delta R.T.: -0.001 min
Response: 6474122
Conc: 59.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.441 min
Delta R.T.: -0.003 min
Response: 5869433
Conc: 58.27 ug/ml m



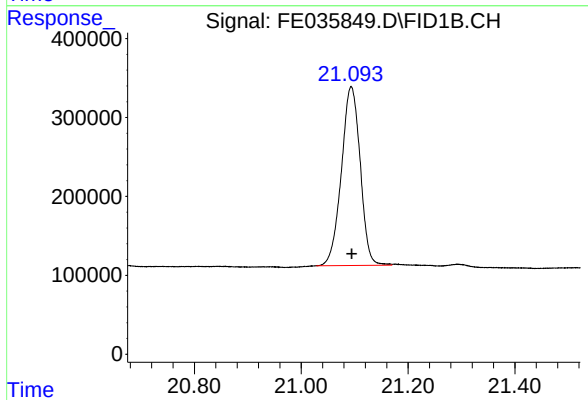
#21 n-Octatriacontane (C38)

R.T.: 20.179 min
Delta R.T.: -0.002 min
Response: 5635437
Conc: 59.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.093 min
Delta R.T.: -0.002 min
Response: 5544084
Conc: 59.37 ug/ml m