

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060122AL\
 Data File : FE035850.D
 Signal(s) : FID1B.CH
 Acq On : 01 Jun 2022 19:19
 Operator : YP\AJ
 Sample : N3061-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3MSD

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 08:53:37 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	5315915	40.074 ug/mlm
Spiked Amount 50.000		Recovery =	80.15%
12) S 1-chlorooctadecane (S...	12.386	4355337	41.636 ug/ml
Spiked Amount 50.000		Recovery =	83.27%
Target Compounds			
1) T n-Nonane (C9)	2.821	6673555	55.877 ug/ml
2) T n-Decane (C10)	3.829	7032755	59.431 ug/ml
3) T A~Naphthalene (C11.7)	5.391	8612177	64.451 ug/ml
4) T n-Dodecane (C12)	5.812	7597077	63.411 ug/ml
5) T A~2-methylnaphthalene...	6.439	8694676	64.294 ug/ml
6) T n-Tetradecane (C14)	7.602	7503551	62.955 ug/mlm
7) T n-Hexadecane (C16)	9.198	7692906	64.517 ug/mlm
8) T n-Octadecane (C18)	10.637	7861671	65.582 ug/mlm
10) T n-Eicosane (C20)	11.945	7900323	66.222 ug/ml
11) T n-Heneicosane (C21)	12.554	7592860	63.239 ug/ml
13) T n-Docosane (C22)	13.139	7496279	62.247 ug/ml
14) T n-Tetracosane (C24)	14.234	14767706	122.048 ug/ml
15) T n-Hexacosane (C26)	15.260	7148441	59.072 ug/ml
16) T n-Octacosane (C28)	16.206	7026113	57.973 ug/ml
17) T n-Tricontane (C30)	17.093	6847406	56.946 ug/ml
18) T n-Dotriacontane (C32)	17.923	6731832	58.577 ug/ml
19) T n-Tetratriacontane (C34)	18.704	6488624	59.982 ug/ml
20) T n-Hexatriacontane (C36)	19.442	5952672	59.092 ug/ml
21) T n-Octatriacontane (C38)	20.179	5568750	58.449 ug/ml
22) T n-Tetracontane (C40)	21.094	5573824	59.685 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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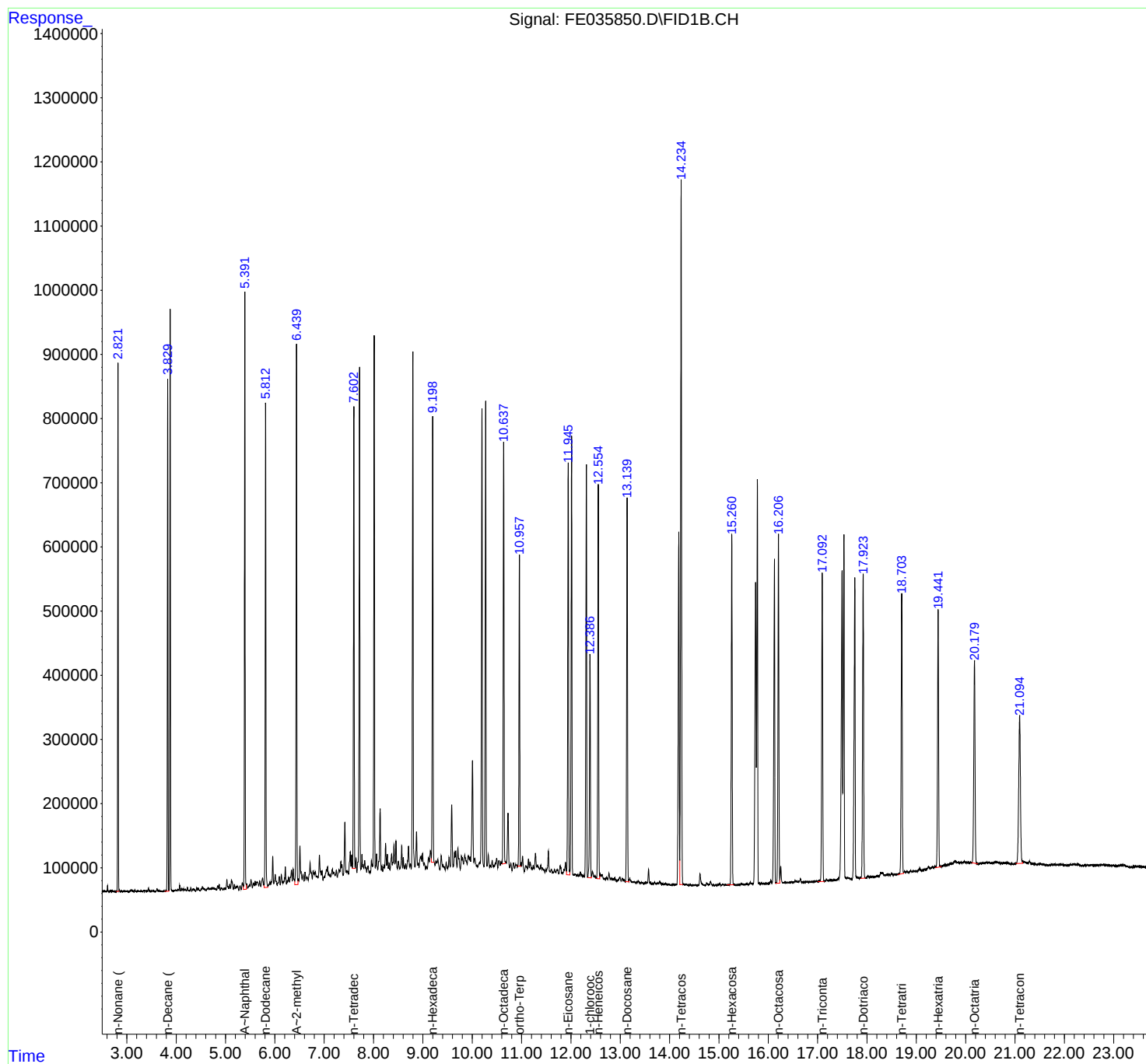
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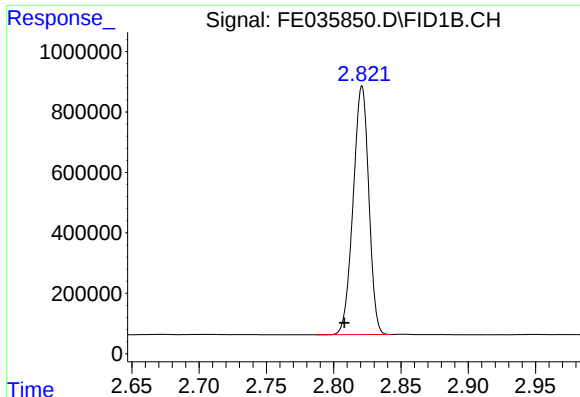
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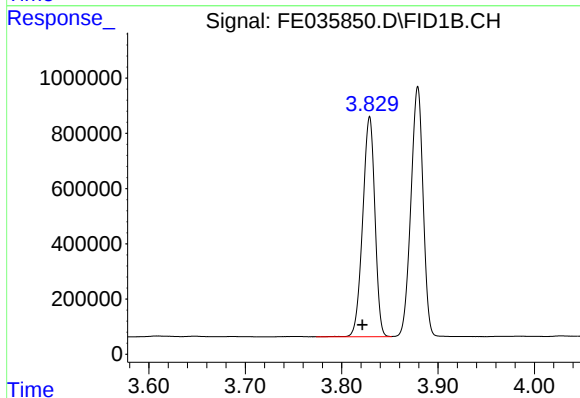
#1 n-Nonane (C9)

R.T.: 2.821 min
Delta R.T.: 0.013 min
Response: 6673555
Conc: 55.88 ug/ml

Instrument :
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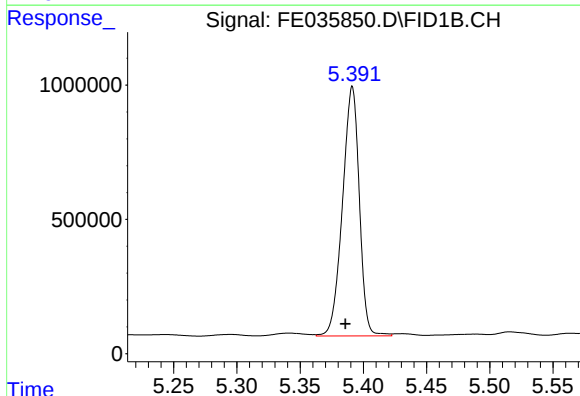
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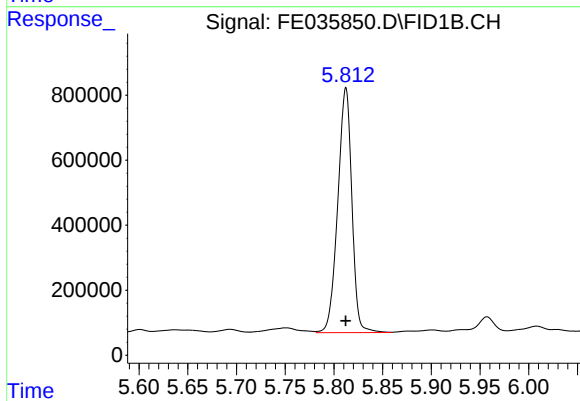
#2 n-Decane (C10)

R.T.: 3.829 min
Delta R.T.: 0.008 min
Response: 7032755
Conc: 59.43 ug/ml



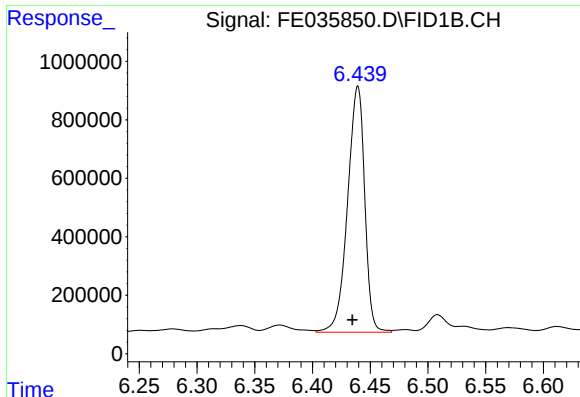
#3 A~Naphthalene (C11.7)

R.T.: 5.391 min
Delta R.T.: 0.005 min
Response: 8612177
Conc: 64.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 7597077
Conc: 63.41 ug/ml



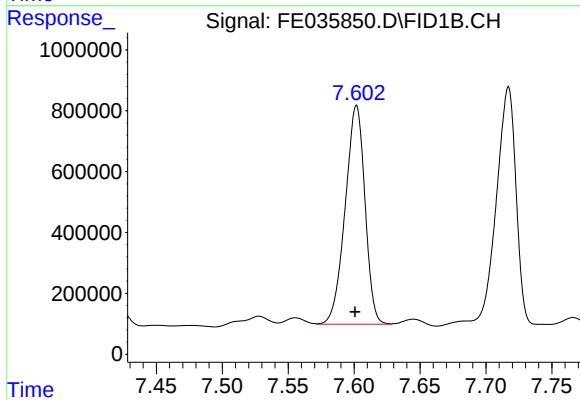
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 8694676
Conc: 64.29 ug/ml

Instrument :
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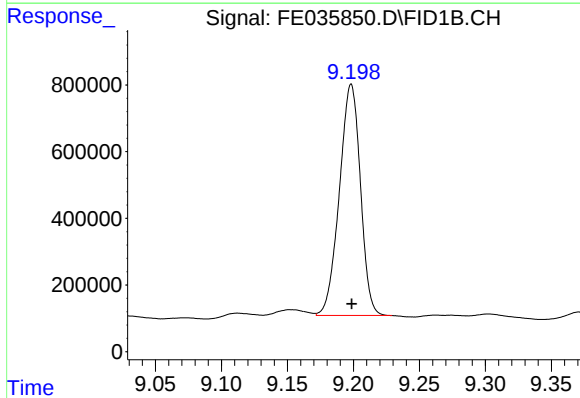
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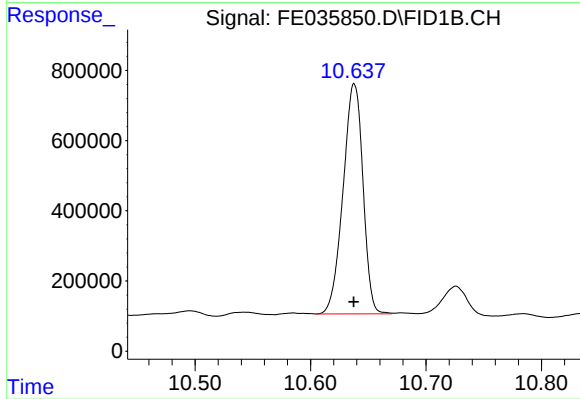
#6 n-Tetradecane (C14)

R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 7503551
Conc: 62.96 ug/ml m



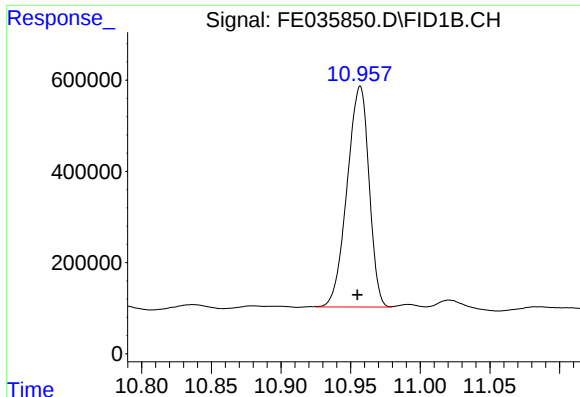
#7 n-Hexadecane (C16)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 7692906
Conc: 64.52 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.637 min
Delta R.T.: 0.000 min
Response: 7861671
Conc: 65.58 ug/ml m



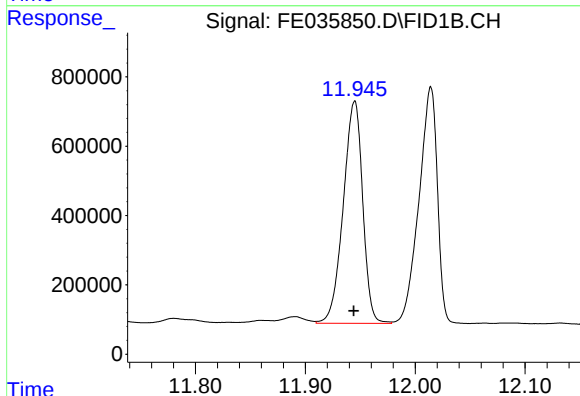
#9 ortho-Terphenyl (SURR)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 5315915
Conc: 40.07 ug/ml

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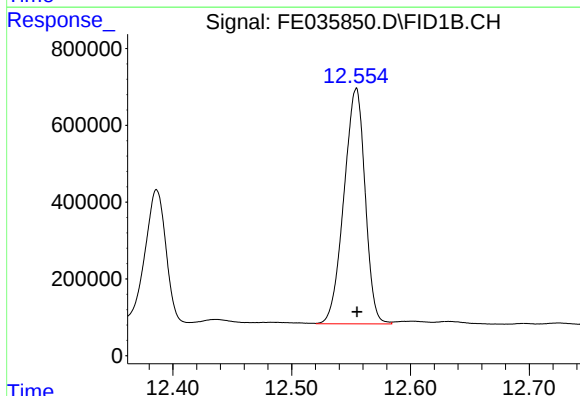
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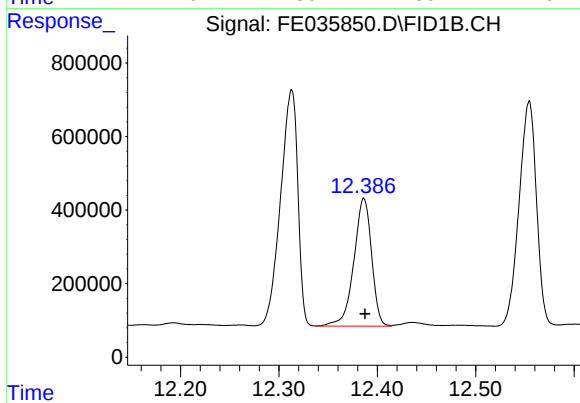
#10 n-Eicosane (C20)

R.T.: 11.945 min
Delta R.T.: 0.000 min
Response: 7900323
Conc: 66.22 ug/ml



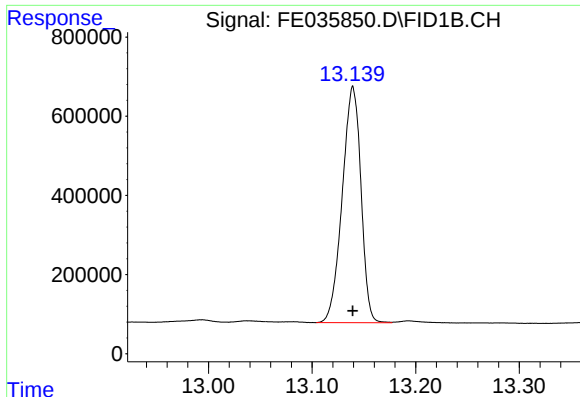
#11 n-Heneicosane (C21)

R.T.: 12.554 min
Delta R.T.: 0.000 min
Response: 7592860
Conc: 63.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.386 min
Delta R.T.: -0.001 min
Response: 4355337
Conc: 41.64 ug/ml



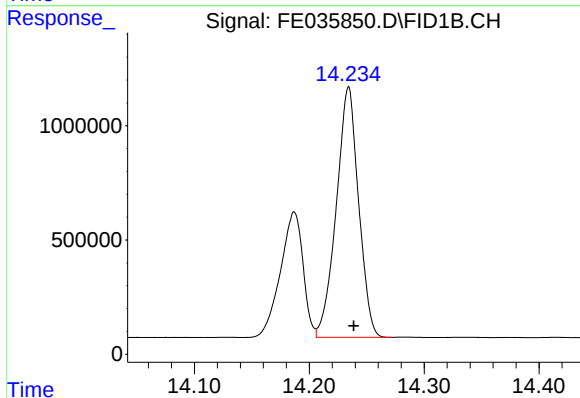
#13 n-Docosane (C22)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 7496279
Conc: 62.25 ug/ml

Instrument :
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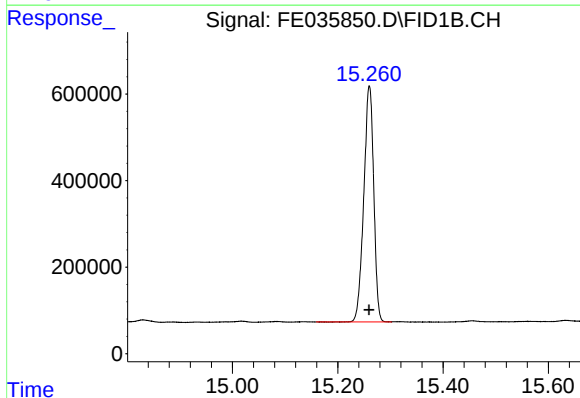
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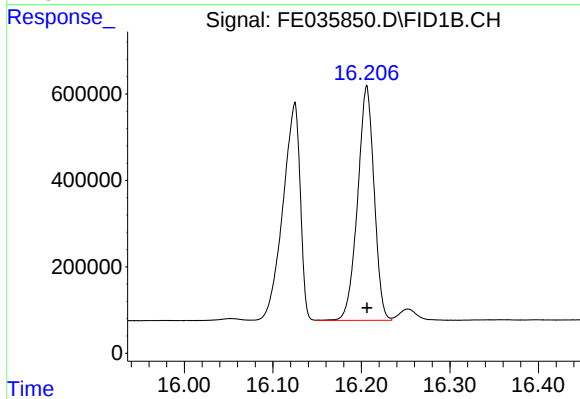
#14 n-Tetracosane (C24)

R.T.: 14.234 min
Delta R.T.: -0.005 min
Response: 14767706
Conc: 122.05 ug/ml



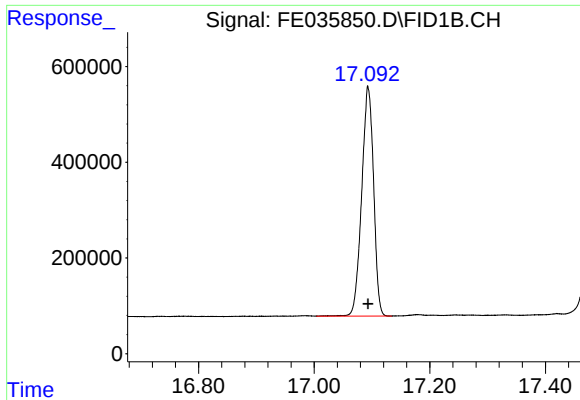
#15 n-Hexacosane (C26)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 7148441
Conc: 59.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.206 min
Delta R.T.: 0.000 min
Response: 7026113
Conc: 57.97 ug/ml



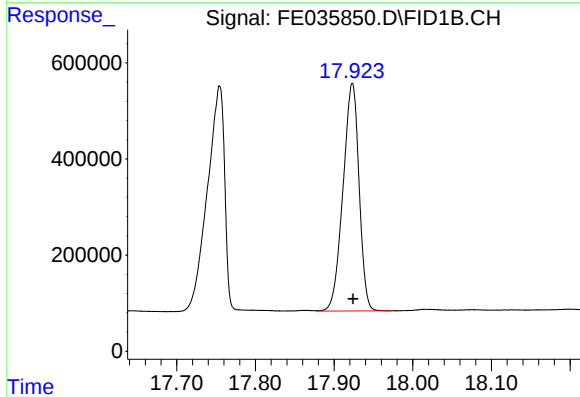
#17 n-Tricontane (C30)

R.T.: 17.093 min
Delta R.T.: 0.000 min
Response: 6847406
Conc: 56.95 ug/ml

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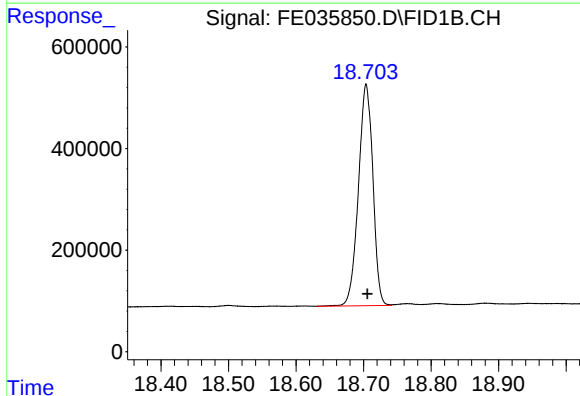
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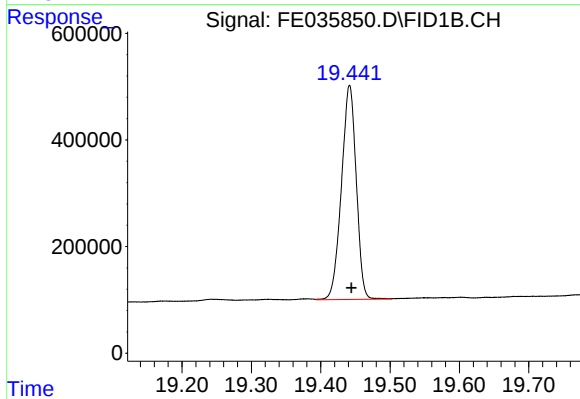
#18 n-Dotriacontane (C32)

R.T.: 17.923 min
Delta R.T.: 0.000 min
Response: 6731832
Conc: 58.58 ug/ml



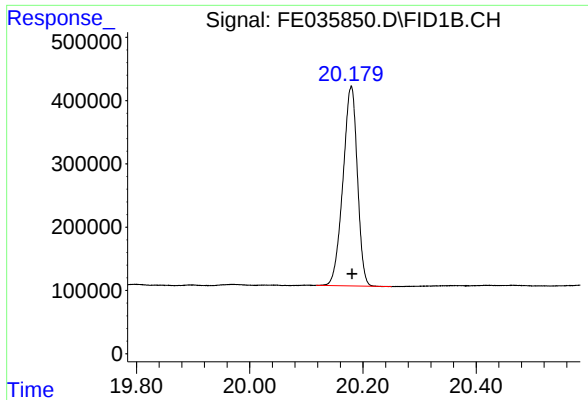
#19 n-Tetratriacontane (C34)

R.T.: 18.704 min
Delta R.T.: -0.002 min
Response: 6488624
Conc: 59.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.442 min
Delta R.T.: -0.003 min
Response: 5952672
Conc: 59.09 ug/ml



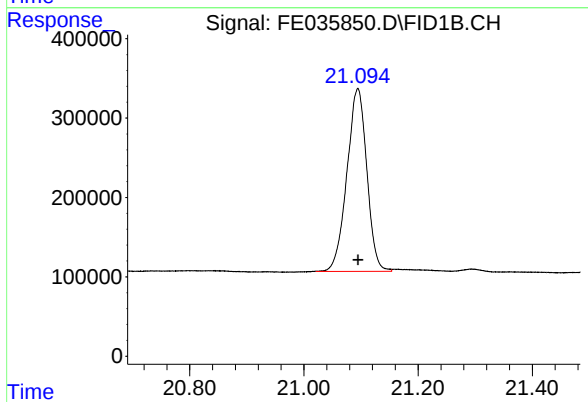
#21 n-Octatriacontane (C38)

R.T.: 20.179 min
Delta R.T.: -0.001 min
Response: 5568750
Conc: 58.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.094 min
Delta R.T.: 0.000 min
Response: 5573824
Conc: 59.69 ug/ml m