

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
 Data File : FC057230.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2021 17:53
 Operator : AJ\MA
 Sample : M4939-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-03-120321MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 00:52:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 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)	11.593	4287352	36.945 ug/mlm
Spiked Amount 50.000		Recovery =	73.89%
12) S 1-chlorooctadecane (S...	13.026	3487561	38.309 ug/mlm
Spiked Amount 50.000		Recovery =	76.62%
Target Compounds			
1) T n-Nonane (C9)	3.352	2837681	28.004 ug/ml
2) T n-Decane (C10)	4.420	3218680	32.142 ug/ml
3) T A~Naphthalene (C11.7)	6.008	3994278	35.771 ug/ml
4) T n-Dodecane (C12)	6.436	3657532	36.073 ug/ml
5) T A~2-methylnaphthalene...	7.065	4071845	36.929 ug/ml
6) T n-Tetradecane (C14)	8.232	4183269	41.288 ug/ml
7) T n-Hexadecane (C16)	9.831	4398768	42.866 ug/ml
8) T n-Octadecane (C18)	11.273	4509335	42.089 ug/ml
10) T n-Eicosane (C20)	12.580	4571479	42.742 ug/ml
11) T n-Heneicosane (C21)	13.192	4230755	39.068 ug/mlm
13) T n-Docosane (C22)	13.775	4305797	40.191 ug/ml
14) T n-Tetracosane (C24)	14.877	8294949	76.624 ug/ml
15) T n-Hexacosane (C26)	15.898	4061547	38.130 ug/mlm
16) T n-Octacosane (C28)	16.846	4146424	38.873 ug/ml
17) T n-Tricontane (C30)	17.734	4123682	38.689 ug/mlm
18) T n-Dotriacontane (C32)	18.561	4159760	39.437 ug/mlm
19) T n-Tetratriacontane (C34)	19.342	4107142	39.535 ug/mlm
20) T n-Hexatriacontane (C36)	20.076	3622031	35.859 ug/mlm
21) T n-Octatriacontane (C38)	20.813	3535221	38.512 ug/mlm
22) T n-Tetracontane (C40)	21.724	3474150	38.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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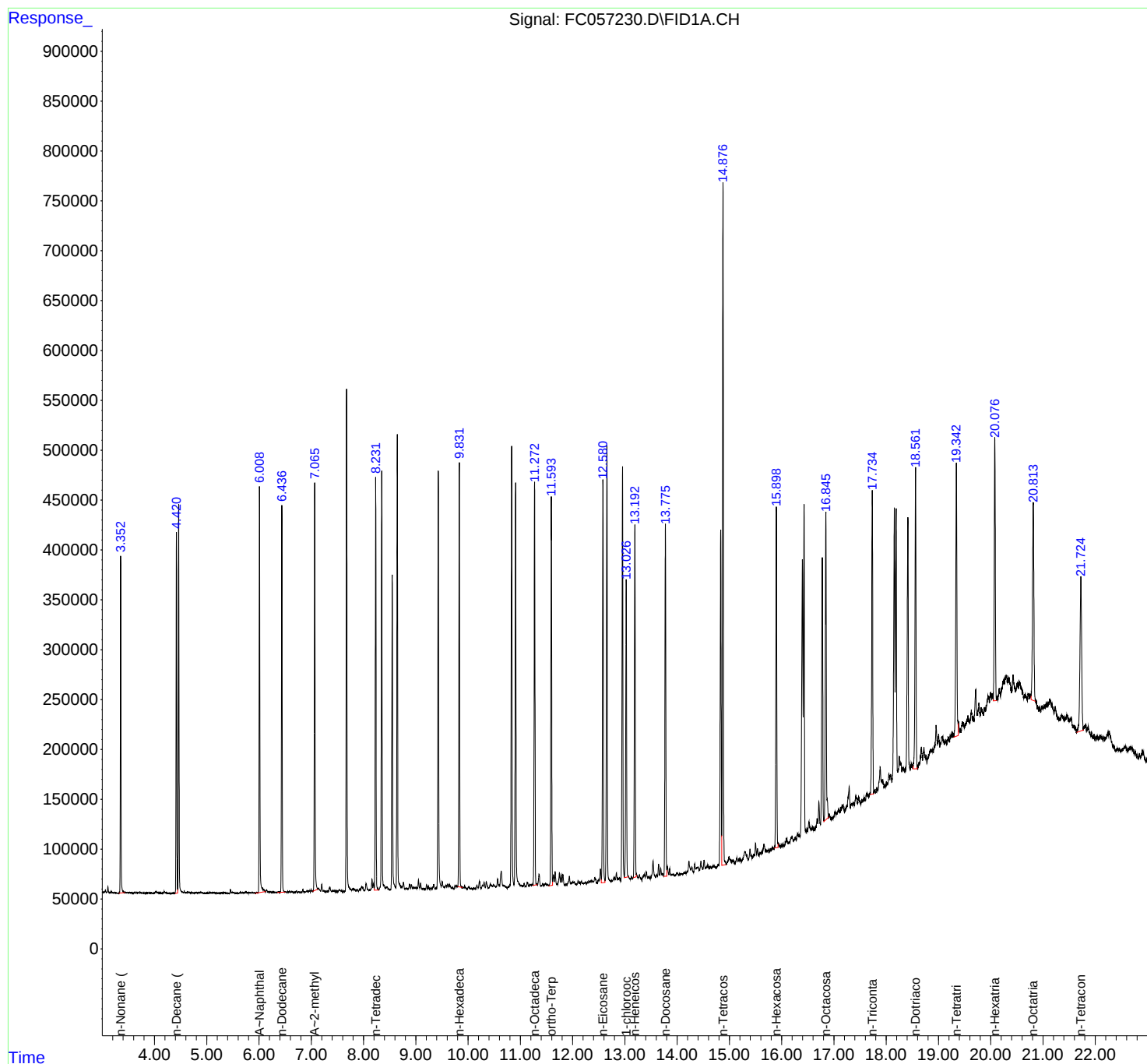
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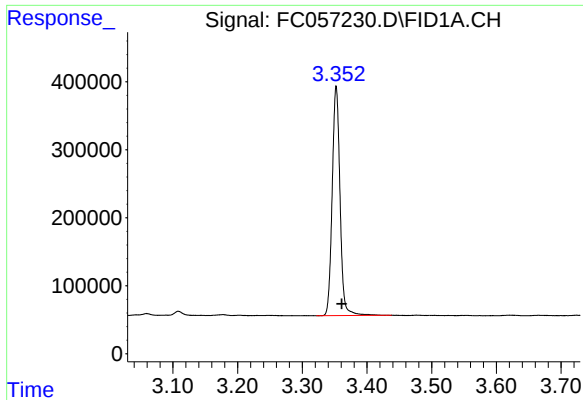
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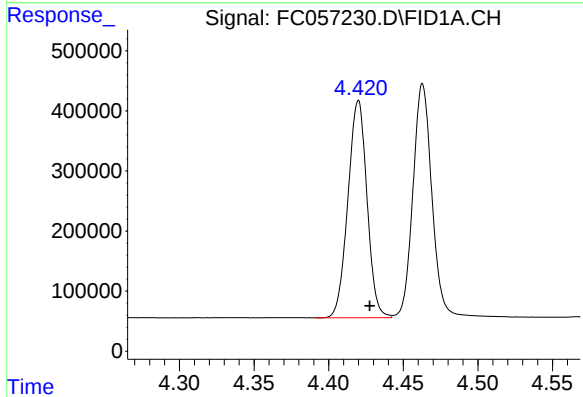
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.009 min
Response: 2837681
Conc: 28.00 ug/ml

Instrument :
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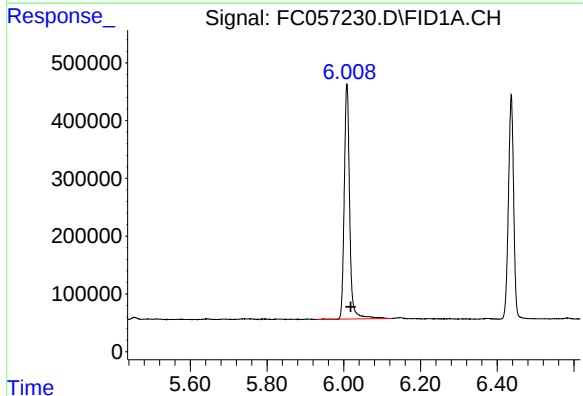
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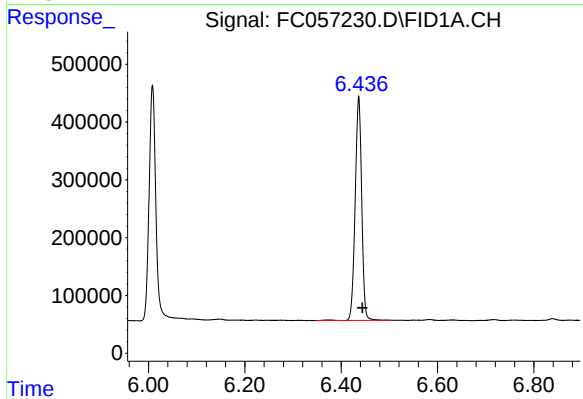
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: -0.008 min
Response: 3218680
Conc: 32.14 ug/ml



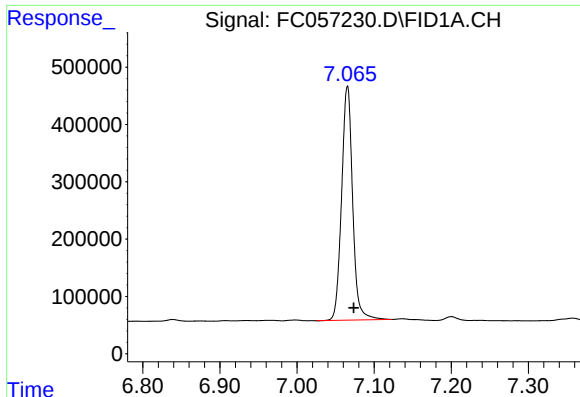
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.010 min
Response: 3994278
Conc: 35.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.436 min
Delta R.T.: -0.008 min
Response: 3657532
Conc: 36.07 ug/ml



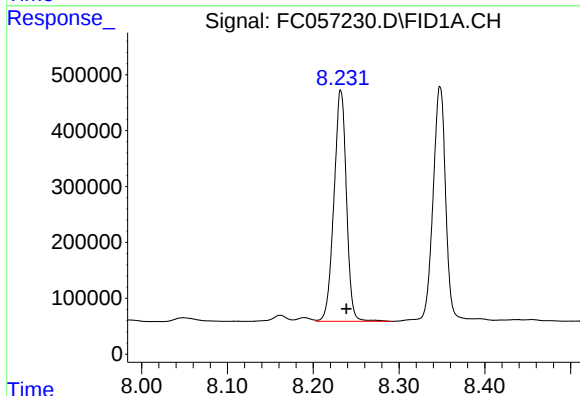
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.008 min
Response: 4071845
Conc: 36.93 ug/ml

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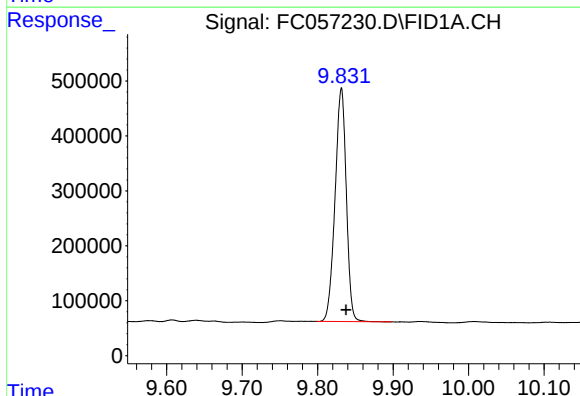
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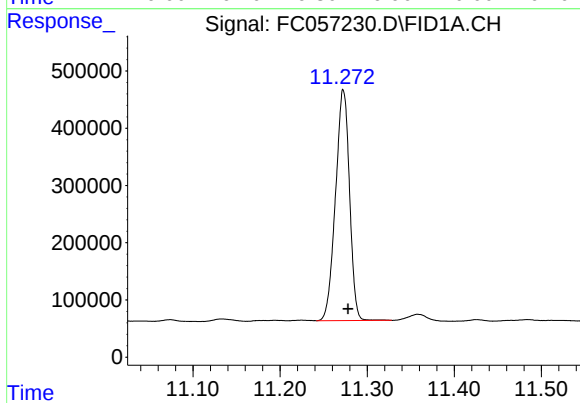
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.007 min
Response: 4183269
Conc: 41.29 ug/ml



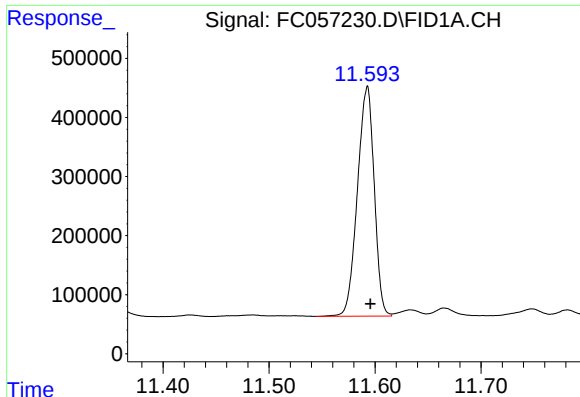
#7 n-Hexadecane (C16)

R.T.: 9.831 min
Delta R.T.: -0.006 min
Response: 4398768
Conc: 42.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 4509335
Conc: 42.09 ug/ml



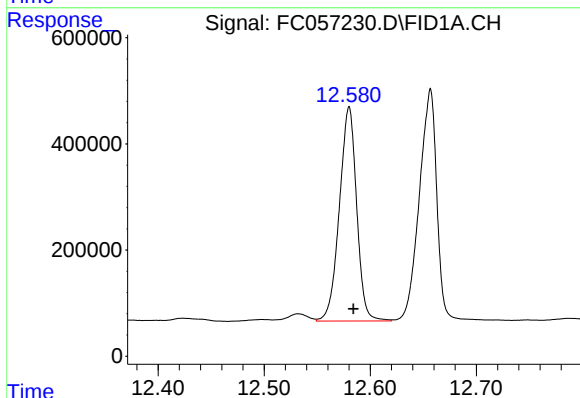
#9 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.003 min
Response: 4287352
Conc: 36.95 ug/ml

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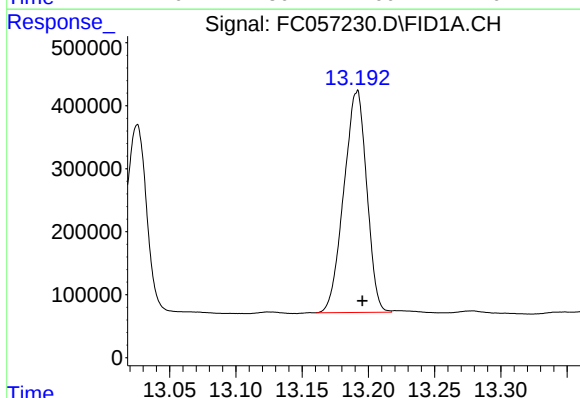
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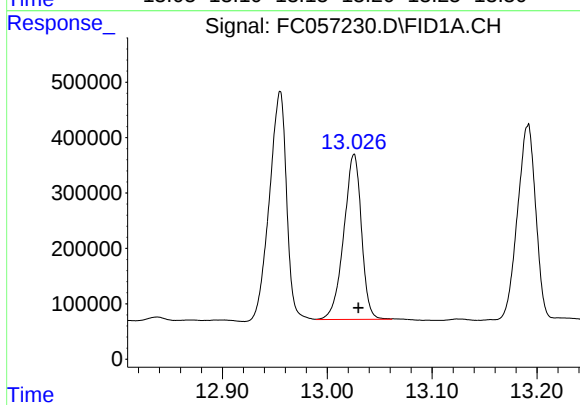
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.004 min
Response: 4571479
Conc: 42.74 ug/ml



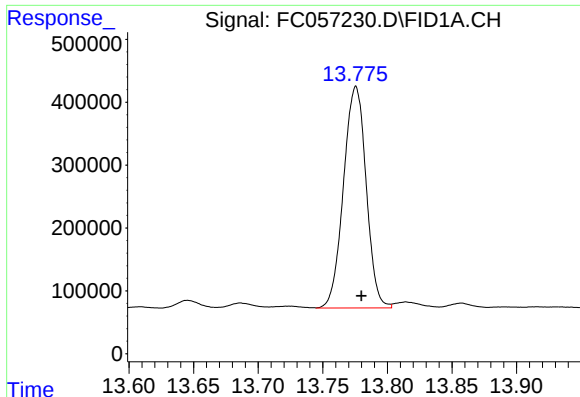
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.004 min
Response: 4230755
Conc: 39.07 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.004 min
Response: 3487561
Conc: 38.31 ug/ml m



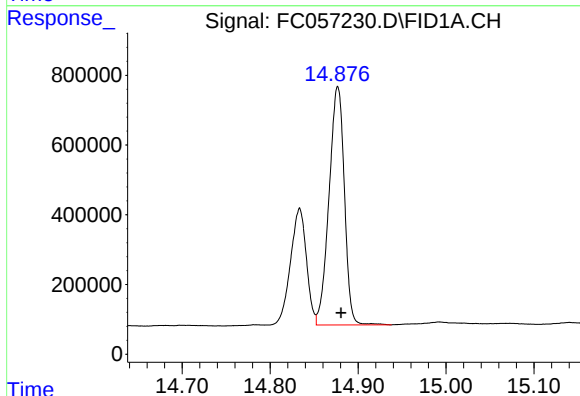
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: -0.004 min
Response: 4305797
Conc: 40.19 ug/ml

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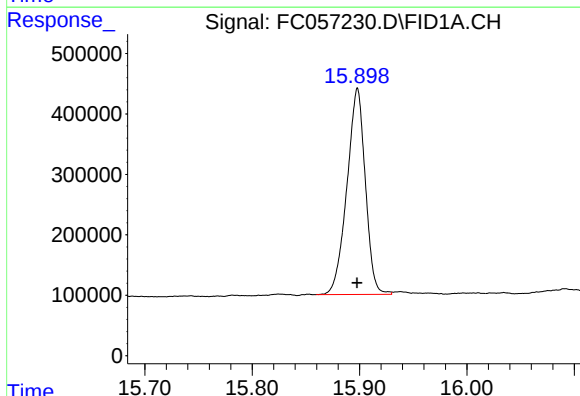
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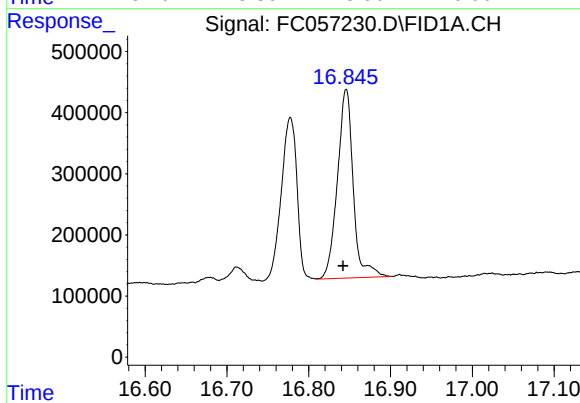
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.004 min
Response: 8294949
Conc: 76.62 ug/ml



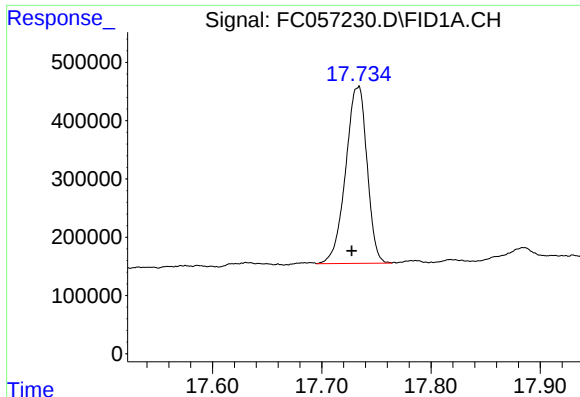
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 4061547
Conc: 38.13 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: 0.003 min
Response: 4146424
Conc: 38.87 ug/ml



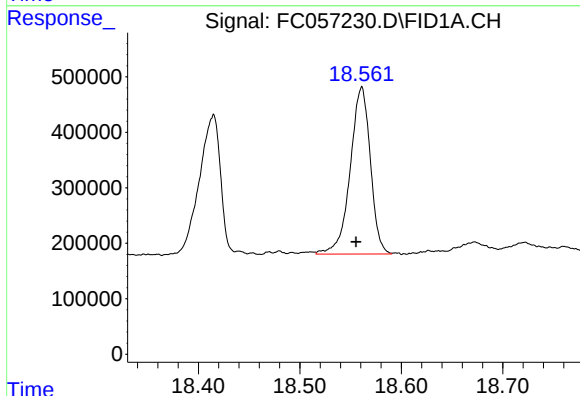
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: 0.007 min
Response: 4123682
Conc: 38.69 ug/ml

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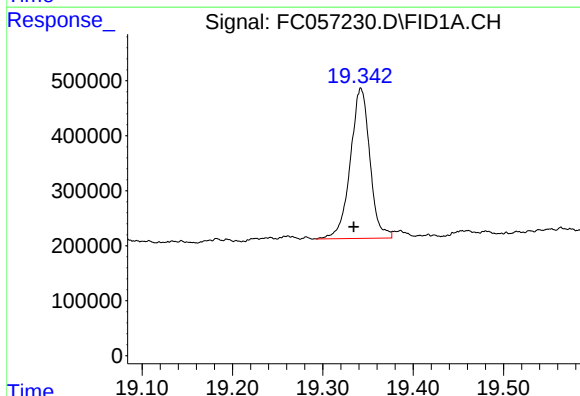
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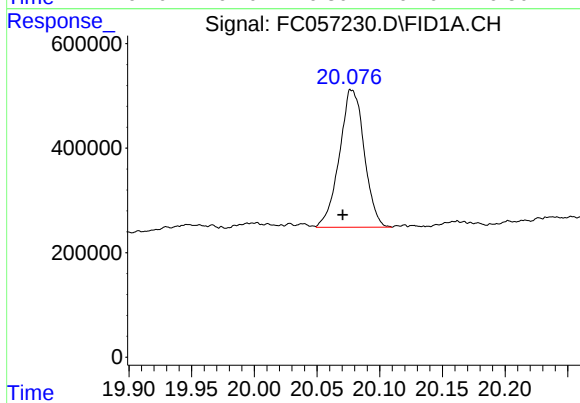
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.005 min
Response: 4159760
Conc: 39.44 ug/ml m



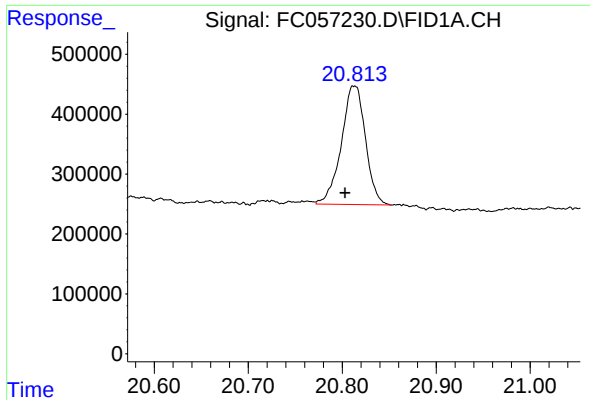
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.007 min
Response: 4107142
Conc: 39.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.006 min
Response: 3622031
Conc: 35.86 ug/ml m



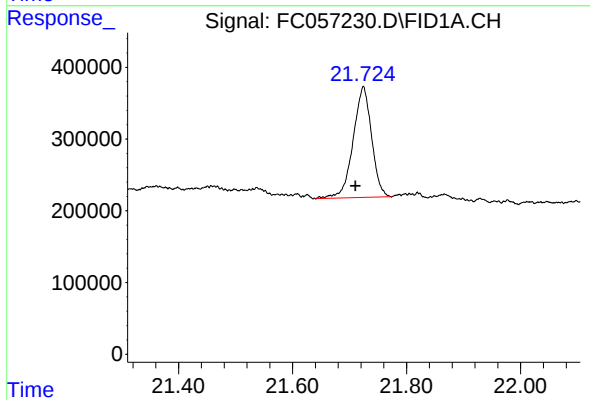
#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.010 min
Response: 3535221
Conc: 38.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: 0.014 min
Response: 3474150
Conc: 38.57 ug/ml