

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112221AL\
 Data File : FC057009.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 3:47
 Operator : AJ\MA
 Sample : M4783-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RBR-200033-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 23 04:45:41 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)	11.596	4597011	39.613 ug/mlm
Spiked Amount 50.000		Recovery =	79.23%
12) S 1-chlorooctadecane (S...	13.026	3582995	39.357 ug/ml
Spiked Amount 50.000		Recovery =	78.71%
Target Compounds			
1) T n-Nonane (C9)	3.383	5949495	58.713 ug/ml
2) T n-Decane (C10)	4.438	6362675	63.538 ug/ml
3) T A~Naphthalene (C11.7)	6.017	7002745	62.714 ug/ml
4) T n-Dodecane (C12)	6.445	6614442	65.236 ug/ml
5) T A~2-methylnaphthalene...	7.072	6888099	62.471 ug/ml
6) T n-Tetradecane (C14)	8.240	6758182	66.702 ug/ml
7) T n-Hexadecane (C16)	9.838	6779307	66.064 ug/ml
8) T n-Octadecane (C18)	11.278	6834706	63.793 ug/ml
10) T n-Eicosane (C20)	12.585	6561037	61.344 ug/ml
11) T n-Heneicosane (C21)	13.195	6433660	59.410 ug/ml
13) T n-Docosane (C22)	13.780	6302940	58.832 ug/ml
14) T n-Tetracosane (C24)	14.878	11660420	107.712 ug/ml
15) T n-Hexacosane (C26)	15.899	5807692	54.523 ug/ml
16) T n-Octacosane (C28)	16.843	5429743	50.904 ug/ml
17) T n-Tricontane (C30)	17.729	5360980	50.297 ug/ml
18) T n-Dotriacontane (C32)	18.556	5220820	49.496 ug/ml
19) T n-Tetratriacontane (C34)	19.335	4814394	46.342 ug/ml
20) T n-Hexatriacontane (C36)	20.071	4544605	44.993 ug/ml
21) T n-Octatriacontane (C38)	20.801	4289748	46.731 ug/ml
22) T n-Tetracontane (C40)	21.707	4390605	48.739 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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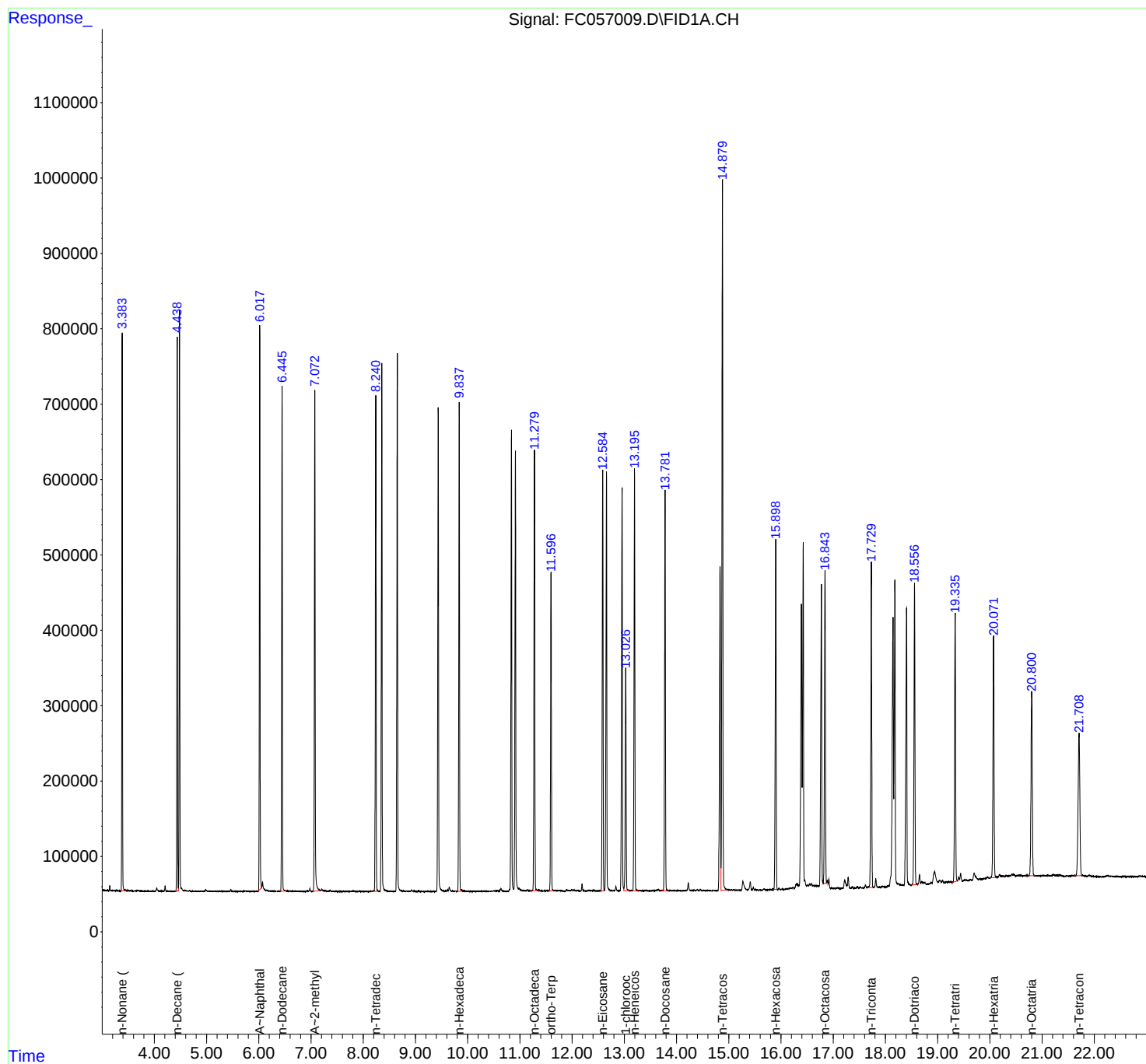
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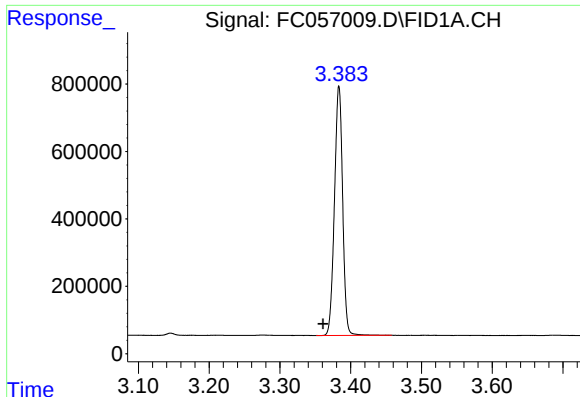
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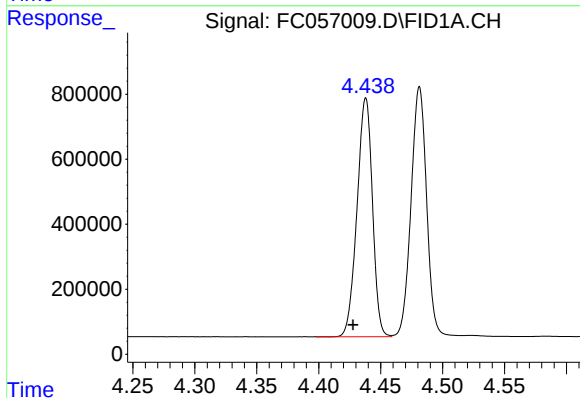
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.022 min
Response: 5949495
Conc: 58.71 ug/ml

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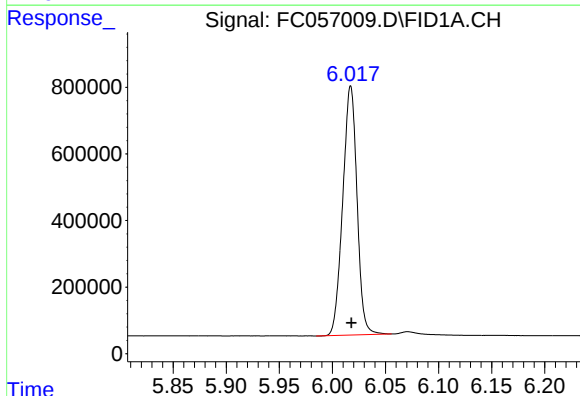
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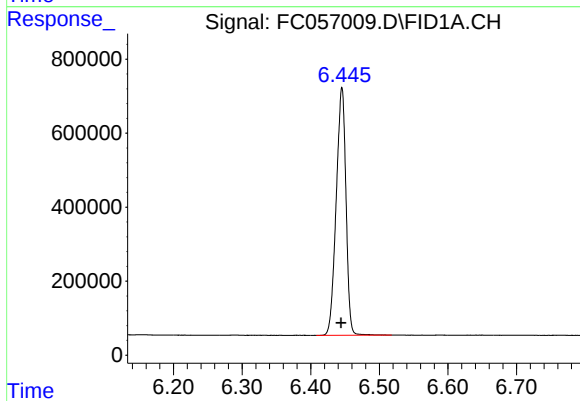
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: 0.010 min
Response: 6362675
Conc: 63.54 ug/ml



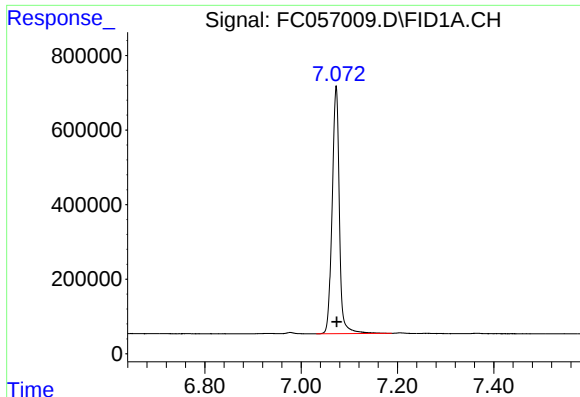
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 7002745
Conc: 62.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 6614442
Conc: 65.24 ug/ml



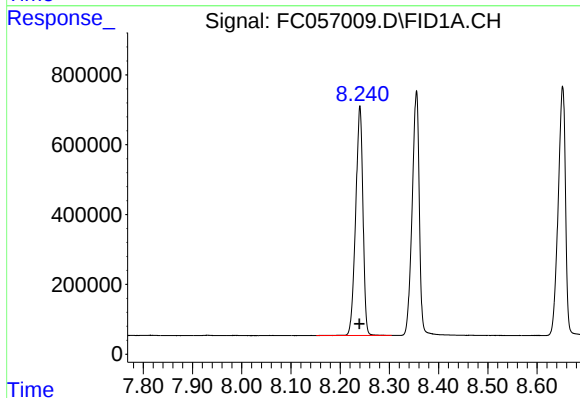
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 6888099
Conc: 62.47 ug/ml

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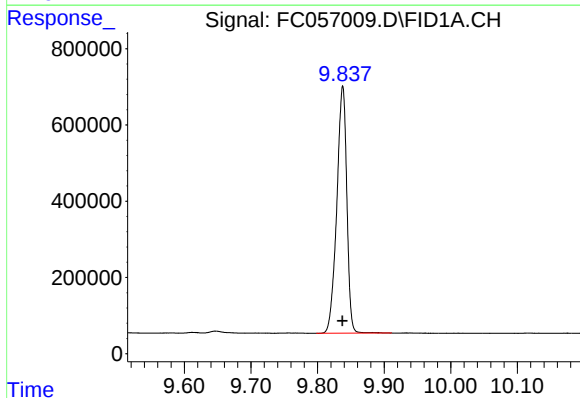
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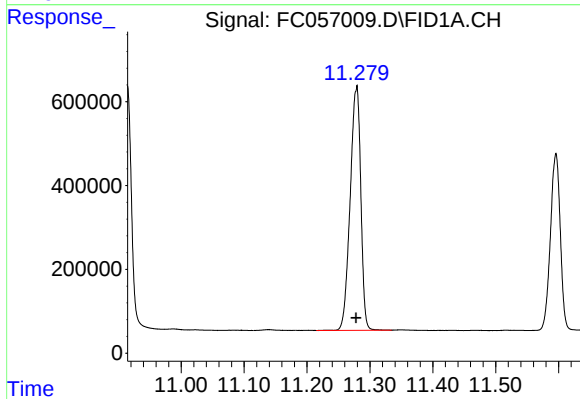
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: 0.001 min
Response: 6758182
Conc: 66.70 ug/ml



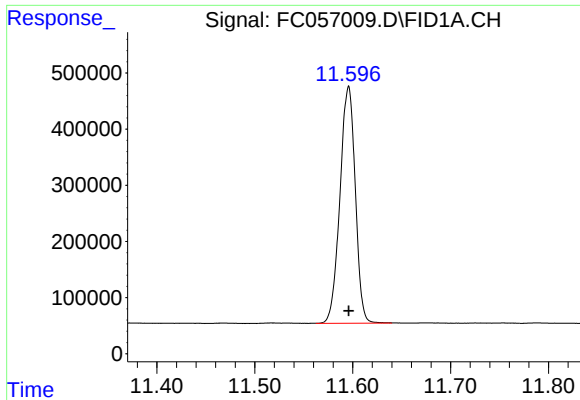
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 6779307
Conc: 66.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 6834706
Conc: 63.79 ug/ml



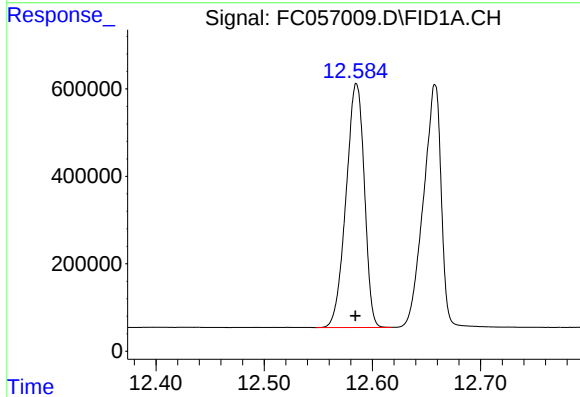
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 4597011
Conc: 39.61 ug/ml

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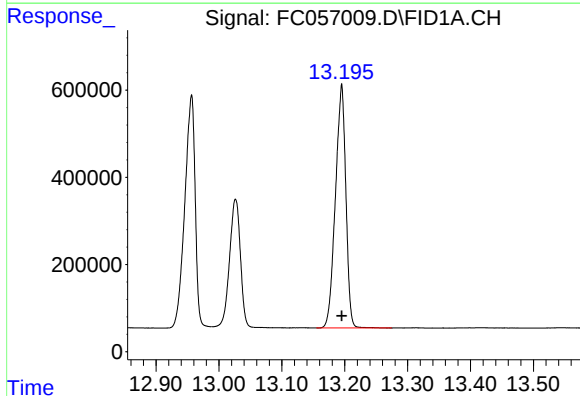
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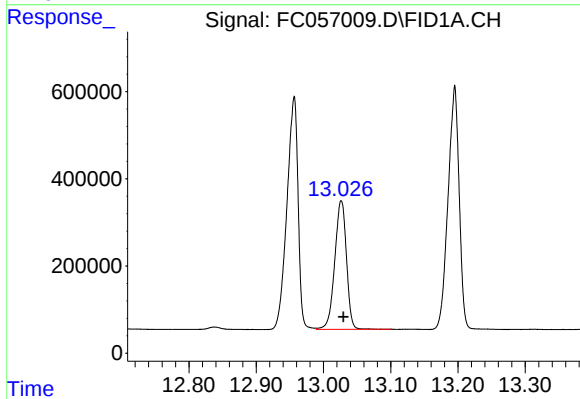
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: 0.000 min
Response: 6561037
Conc: 61.34 ug/ml



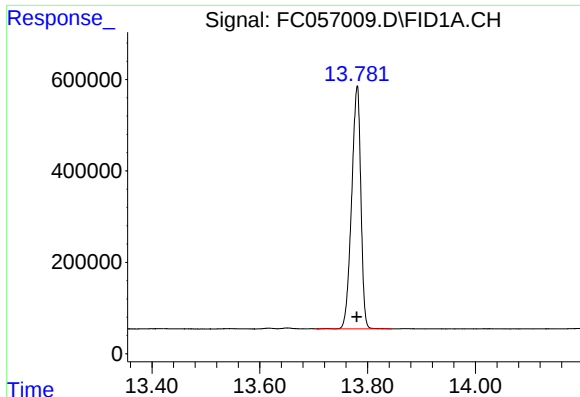
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 6433660
Conc: 59.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.003 min
Response: 3582995
Conc: 39.36 ug/ml



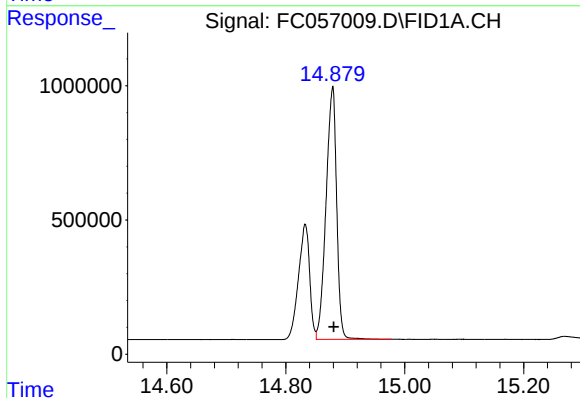
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 6302940
Conc: 58.83 ug/ml

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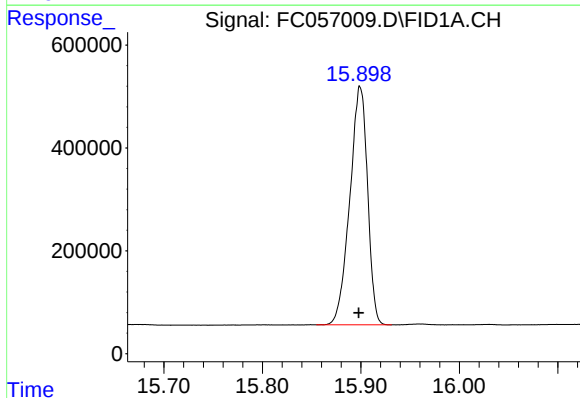
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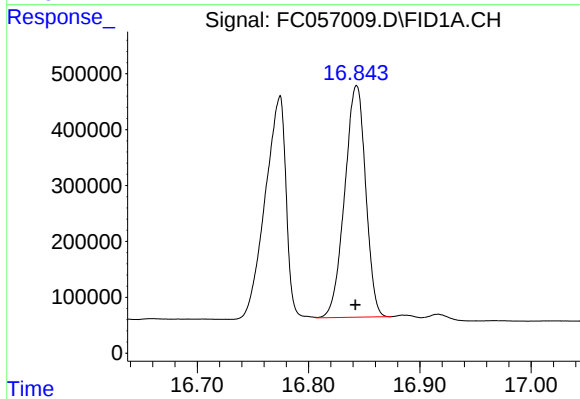
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 11660420
Conc: 107.71 ug/ml



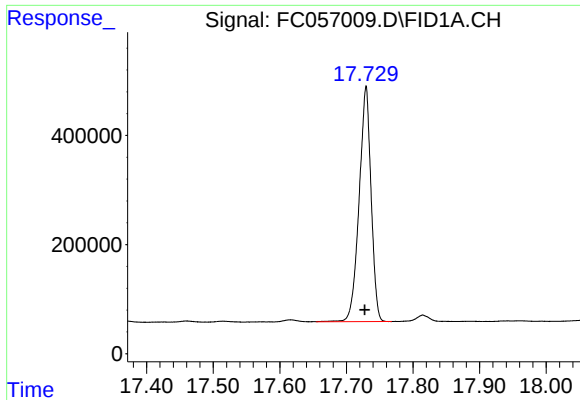
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.001 min
Response: 5807692
Conc: 54.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 5429743
Conc: 50.90 ug/ml



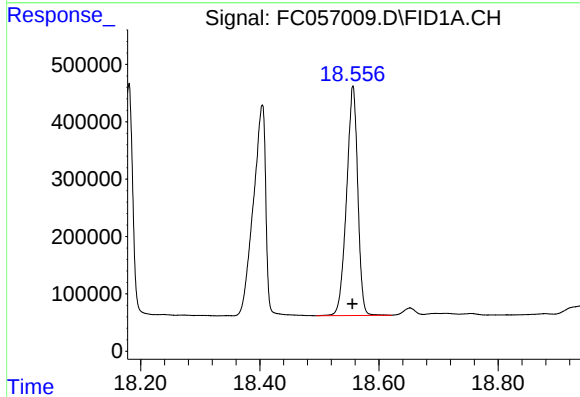
#17 n-Tricontane (C30)

R.T.: 17.729 min
Delta R.T.: 0.002 min
Response: 5360980
Conc: 50.30 ug/ml

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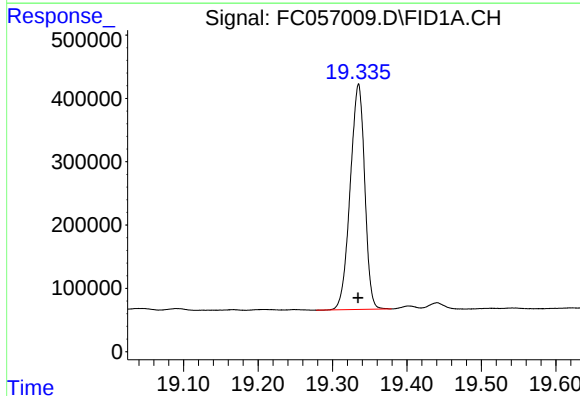
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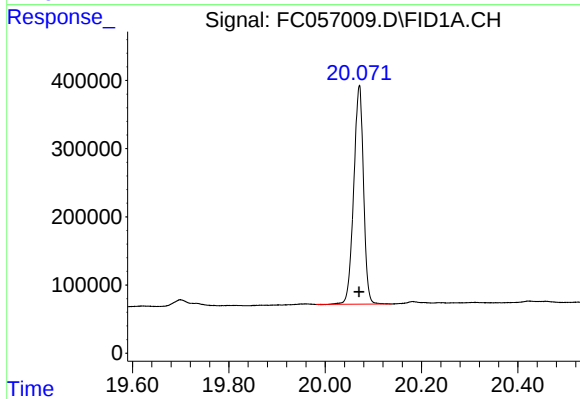
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 5220820
Conc: 49.50 ug/ml



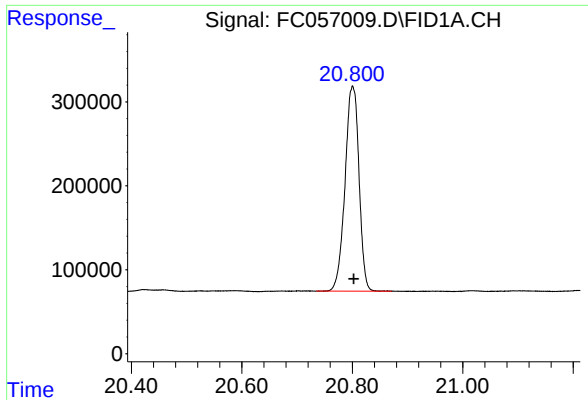
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.000 min
Response: 4814394
Conc: 46.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.000 min
Response: 4544605
Conc: 44.99 ug/ml



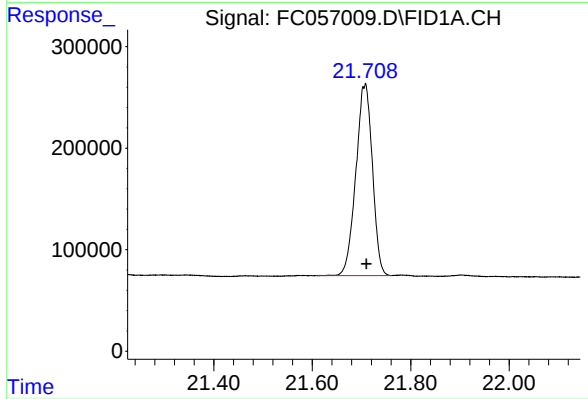
#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.002 min
Response: 4289748
Conc: 46.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.003 min
Response: 4390605
Conc: 48.74 ug/ml