

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057604.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 9:28
 Operator : AJ\MA
 Sample : PB141508BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141508BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
 Quant Time: Dec 20 00:38:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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			
12) S 1-chlorooctadecane (S...	12.242	3727134	33.657 ug/ml
Spiked Amount 50.000		Recovery =	67.31%
Target Compounds			
1) T n-Nonane (C9)	2.673	3529863	28.571 ug/mlm
2) T n-Decane (C10)	3.678	4485065	36.008 ug/ml
4) T n-Dodecane (C12)	5.664	5182405	41.965 ug/ml
6) T n-Tetradecane (C14)	7.454	5509531	44.494 ug/ml
7) T n-Hexadecane (C16)	9.052	6060379	48.333 ug/ml
8) T n-Octadecane (C18)	10.493	6358440	49.123 ug/ml
10) T n-Eicosane (C20)	11.801	6283959	48.371 ug/ml
11) T n-Heneicosane (C21)	12.412	6213013	47.340 ug/ml
13) T n-Docosane (C22)	12.998	6134075	46.669 ug/ml
14) T n-Tetracosane (C24)	14.100	6005859	45.156 ug/ml
15) T n-Hexacosane (C26)	15.120	5762623	43.947 ug/ml
16) T n-Octacosane (C28)	16.070	5620672	42.741 ug/ml
17) T n-Tricontane (C30)	16.956	5560623	40.687 ug/ml
18) T n-Dotriacontane (C32)	17.788	5353449	39.928 ug/mlm
19) T n-Tetratriacontane (C34)	18.572	4894413	37.535 ug/mlm
20) T n-Hexatriacontane (C36)	19.309	4239743	35.706 ug/mlm
21) T n-Octatriacontane (C38)	20.035	3987706	36.308 ug/mlm
22) T n-Tetracontane (C40)	20.908	3963379	39.696 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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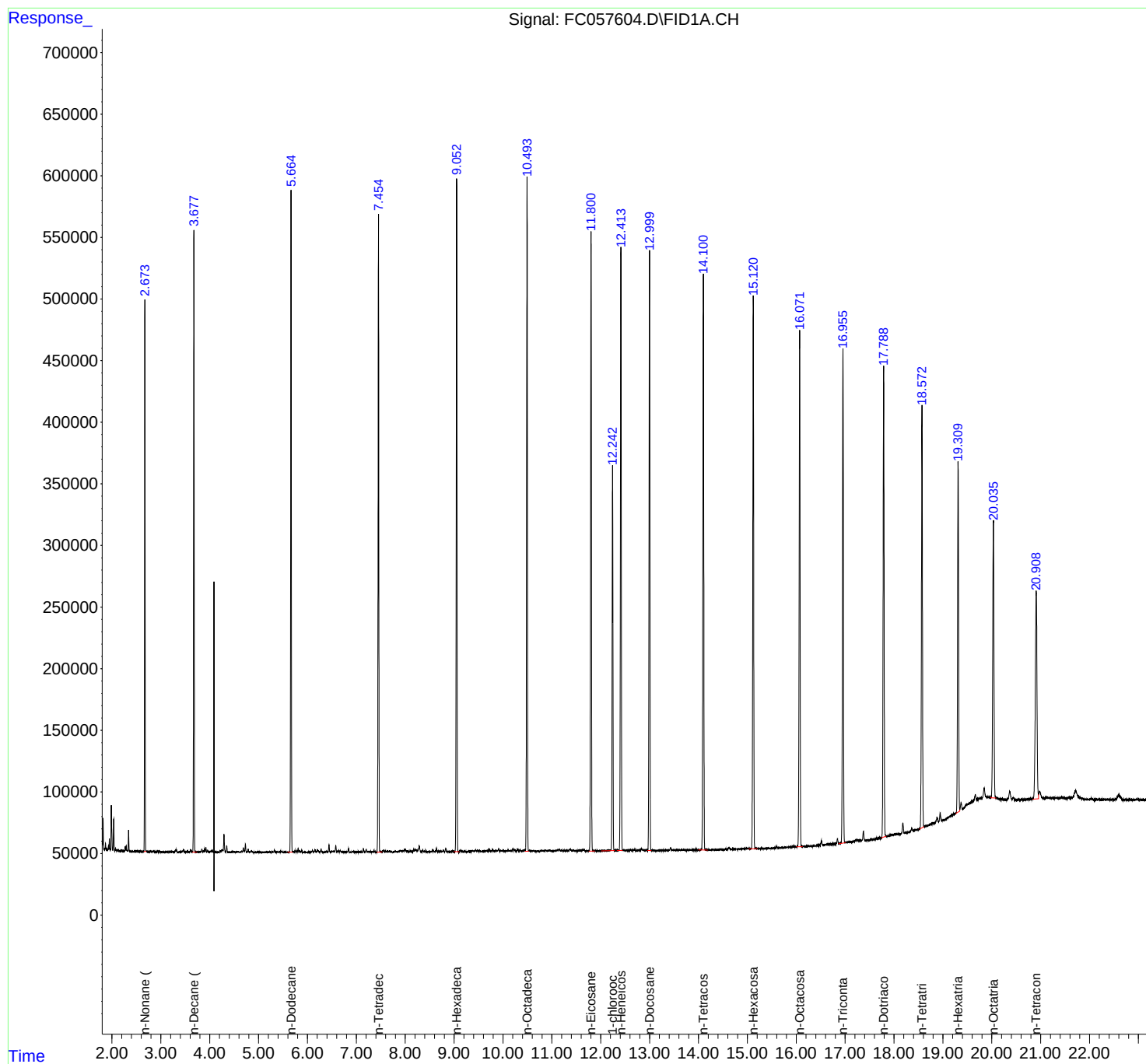
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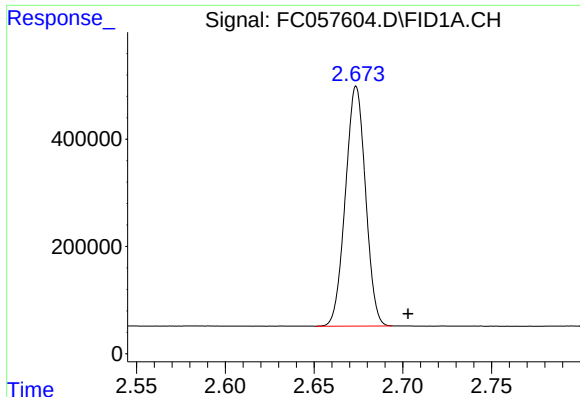
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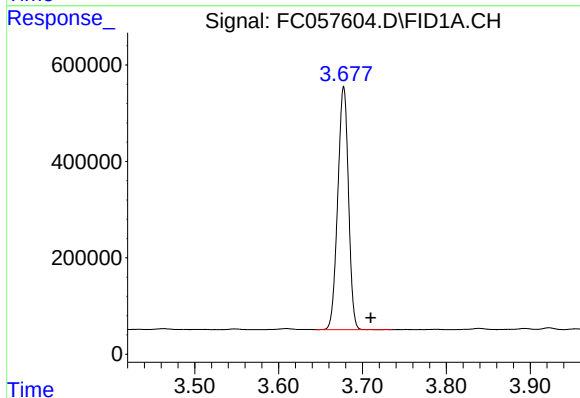
#1 n-Nonane (C9)

R.T.: 2.673 min
Delta R.T.: -0.030 min
Response: 3529863
Conc: 28.57 ug/ml

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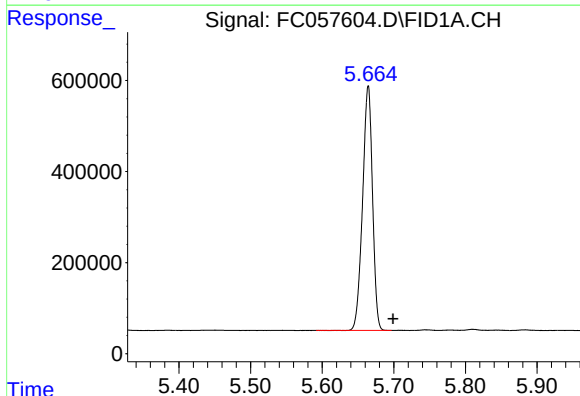
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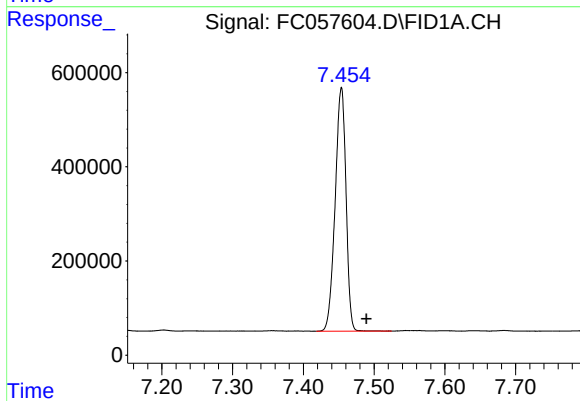
#2 n-Decane (C10)

R.T.: 3.678 min
Delta R.T.: -0.032 min
Response: 4485065
Conc: 36.01 ug/ml



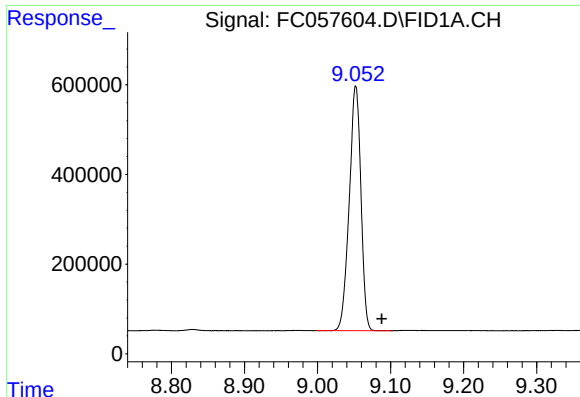
#4 n-Dodecane (C12)

R.T.: 5.664 min
Delta R.T.: -0.035 min
Response: 5182405
Conc: 41.96 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.454 min
Delta R.T.: -0.035 min
Response: 5509531
Conc: 44.49 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.052 min
Delta R.T.: -0.036 min
Response: 6060379
Conc: 48.33 ug/ml

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FID_C

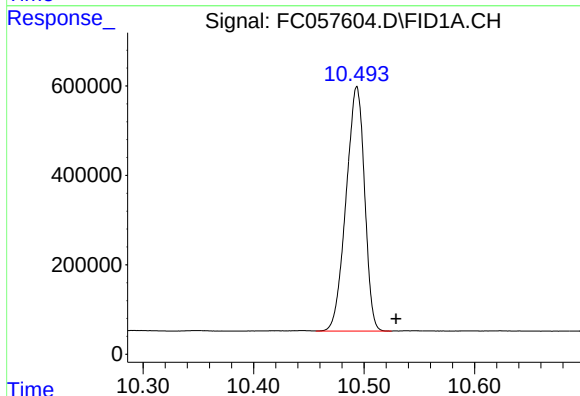
ClientSampleId :

PB141508BSD

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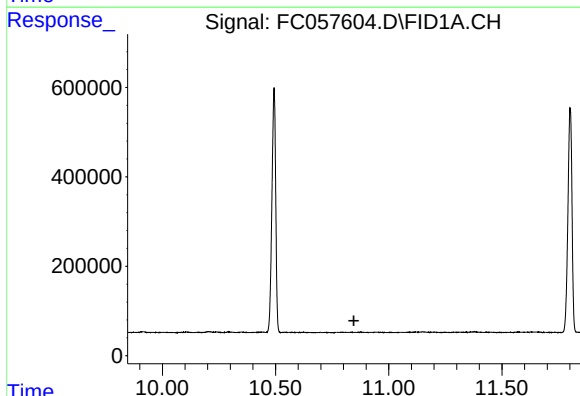
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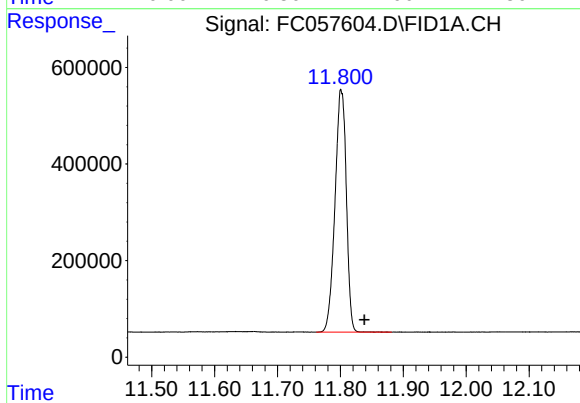
#8 n-Octadecane (C18)

R.T.: 10.493 min
Delta R.T.: -0.036 min
Response: 6358440
Conc: 49.12 ug/ml



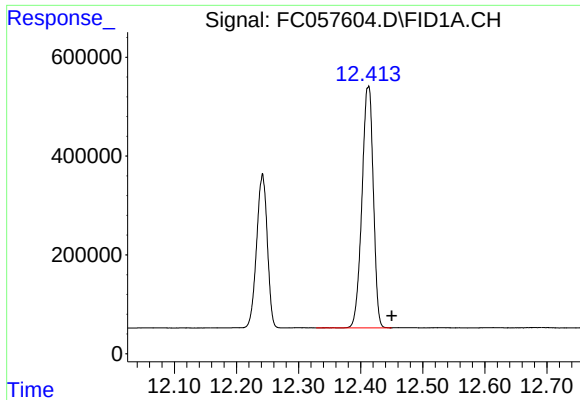
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.801 min
Delta R.T.: -0.037 min
Response: 6283959
Conc: 48.37 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.412 min
Delta R.T.: -0.038 min
Response: 6213013
Conc: 47.34 ug/ml

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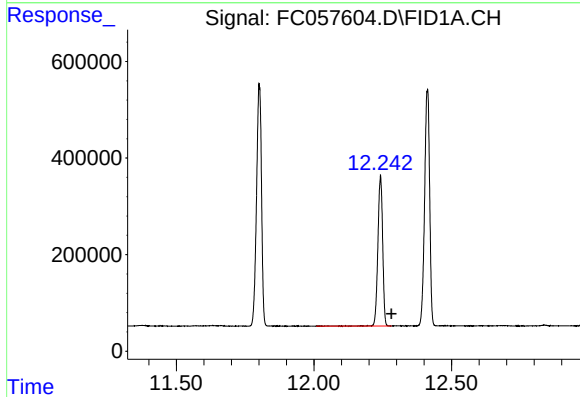
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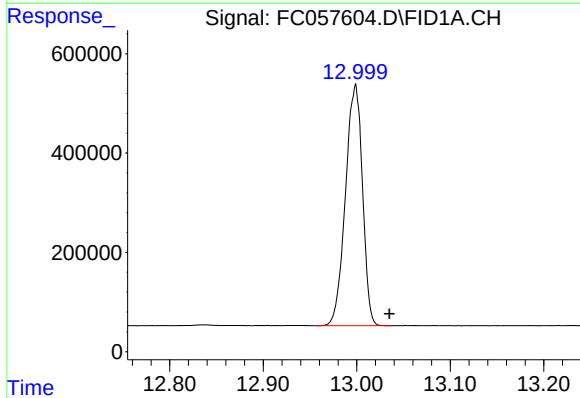
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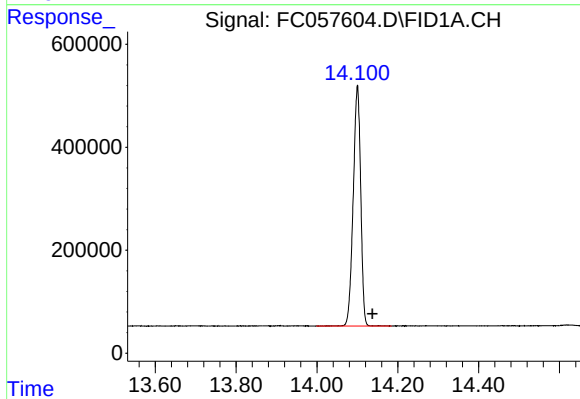
#12 1-chlorooctadecane (SURR)

R.T.: 12.242 min
Delta R.T.: -0.040 min
Response: 3727134
Conc: 33.66 ug/ml



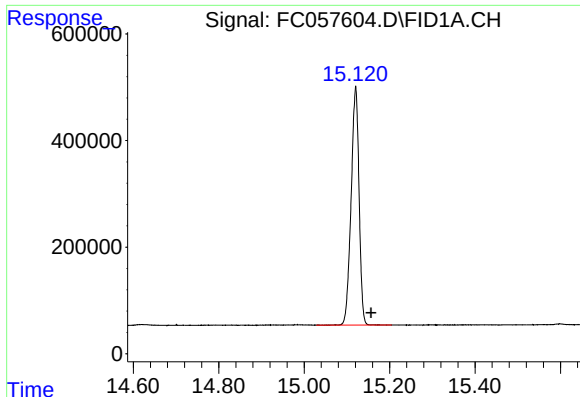
#13 n-Docosane (C22)

R.T.: 12.998 min
Delta R.T.: -0.037 min
Response: 6134075
Conc: 46.67 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.100 min
Delta R.T.: -0.037 min
Response: 6005859
Conc: 45.16 ug/ml



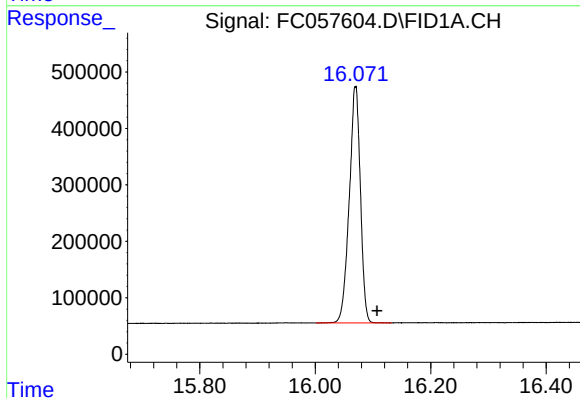
#15 n-Hexacosane (C26)

R.T.: 15.120 min
Delta R.T.: -0.037 min
Response: 5762623
Conc: 43.95 ug/ml

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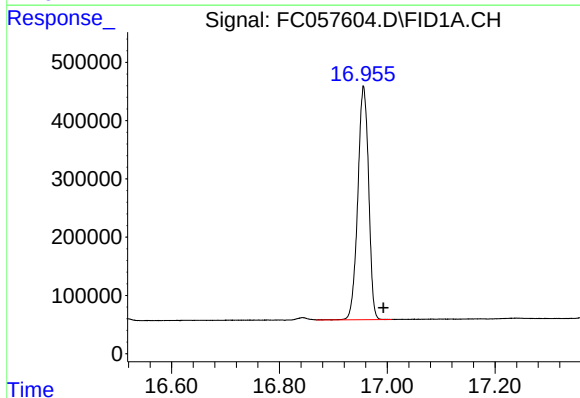
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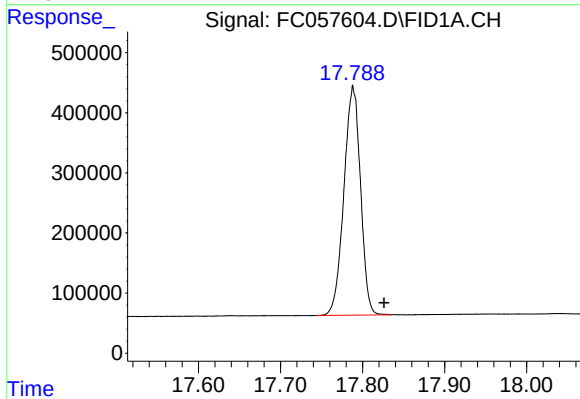
#16 n-Octacosane (C28)

R.T.: 16.070 min
Delta R.T.: -0.037 min
Response: 5620672
Conc: 42.74 ug/ml



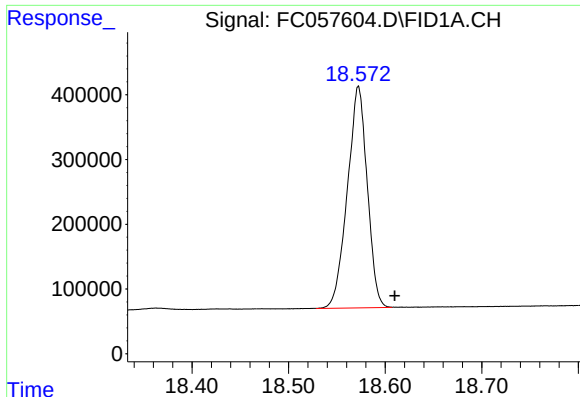
#17 n-Tricontane (C30)

R.T.: 16.956 min
Delta R.T.: -0.037 min
Response: 5560623
Conc: 40.69 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.788 min
Delta R.T.: -0.038 min
Response: 5353449
Conc: 39.93 ug/ml m



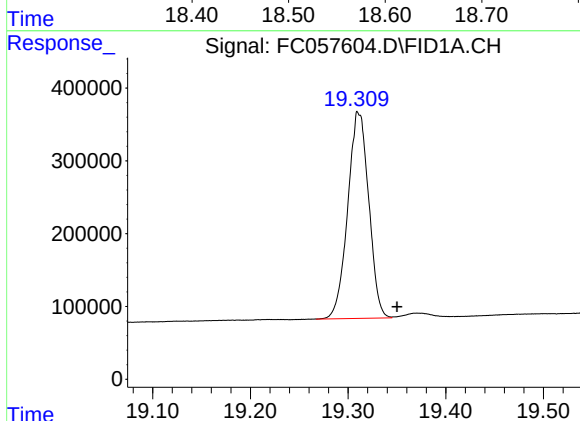
#19 n-Tetratriacontane (C34)

R.T.: 18.572 min
Delta R.T.: -0.038 min
Response: 4894413
Conc: 37.54 ug/ml

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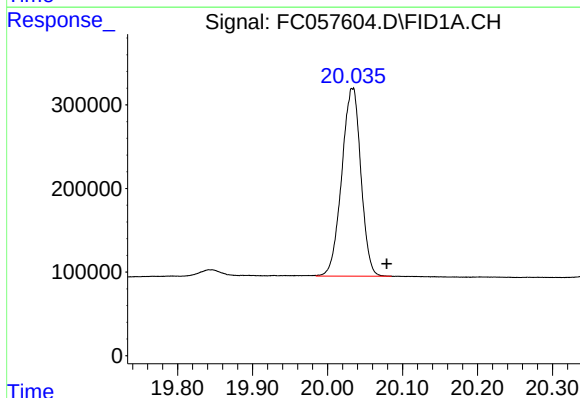
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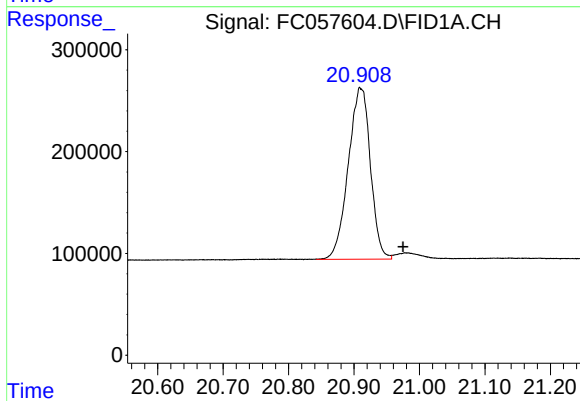
#20 n-Hexatriacontane (C36)

R.T.: 19.309 min
Delta R.T.: -0.041 min
Response: 4239743
Conc: 35.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.035 min
Delta R.T.: -0.044 min
Response: 3987706
Conc: 36.31 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.908 min
Delta R.T.: -0.067 min
Response: 3963379
Conc: 39.70 ug/ml m