

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057737.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 5:46
 Operator : AJ\MA
 Sample : N1016-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 E3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2022
 Supervised By :Ankita Jodhani 01/06/2022

Integration File: autoint1.e
 Quant Time: Jan 06 07:46:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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			
12) S 1-chlorooctadecane (S...	12.152	3442493	23.357 ug/ml
Spiked Amount 50.000		Recovery =	46.71%
Target Compounds			
1) T n-Nonane (C9)	2.638	1753822	10.967 ug/mlm
2) T n-Decane (C10)	3.630	2646803	16.467 ug/ml
4) T n-Dodecane (C12)	5.603	3977035	24.660 ug/ml
6) T n-Tetradecane (C14)	7.384	4930811	29.867 ug/ml
7) T n-Hexadecane (C16)	8.977	5737172	34.346 ug/ml
8) T n-Octadecane (C18)	10.411	5927479	34.445 ug/ml
10) T n-Eicosane (C20)	11.714	5742216	33.542 ug/ml
11) T n-Heneicosane (C21)	12.324	5661942	32.743 ug/ml
13) T n-Docosane (C22)	12.908	5573343	32.215 ug/ml
14) T n-Tetracosane (C24)	14.006	5389559	31.134 ug/ml
15) T n-Hexacosane (C26)	15.023	5148875	30.595 ug/ml
16) T n-Octacosane (C28)	15.971	5088035	31.092 ug/mlm
17) T n-Tricontane (C30)	16.857	5105114	32.699 ug/mlm
18) T n-Dotriacontane (C32)	17.687	4686284	33.612 ug/ml
19) T n-Tetratriacontane (C34)	18.470	4564493	36.725 ug/mlm
20) T n-Hexatriacontane (C36)	19.208	3319773	29.860 ug/mlm
21) T n-Octatriacontane (C38)	19.915	3893012	37.320 ug/mlm
22) T n-Tetracontane (C40)	20.745	3630248	37.913 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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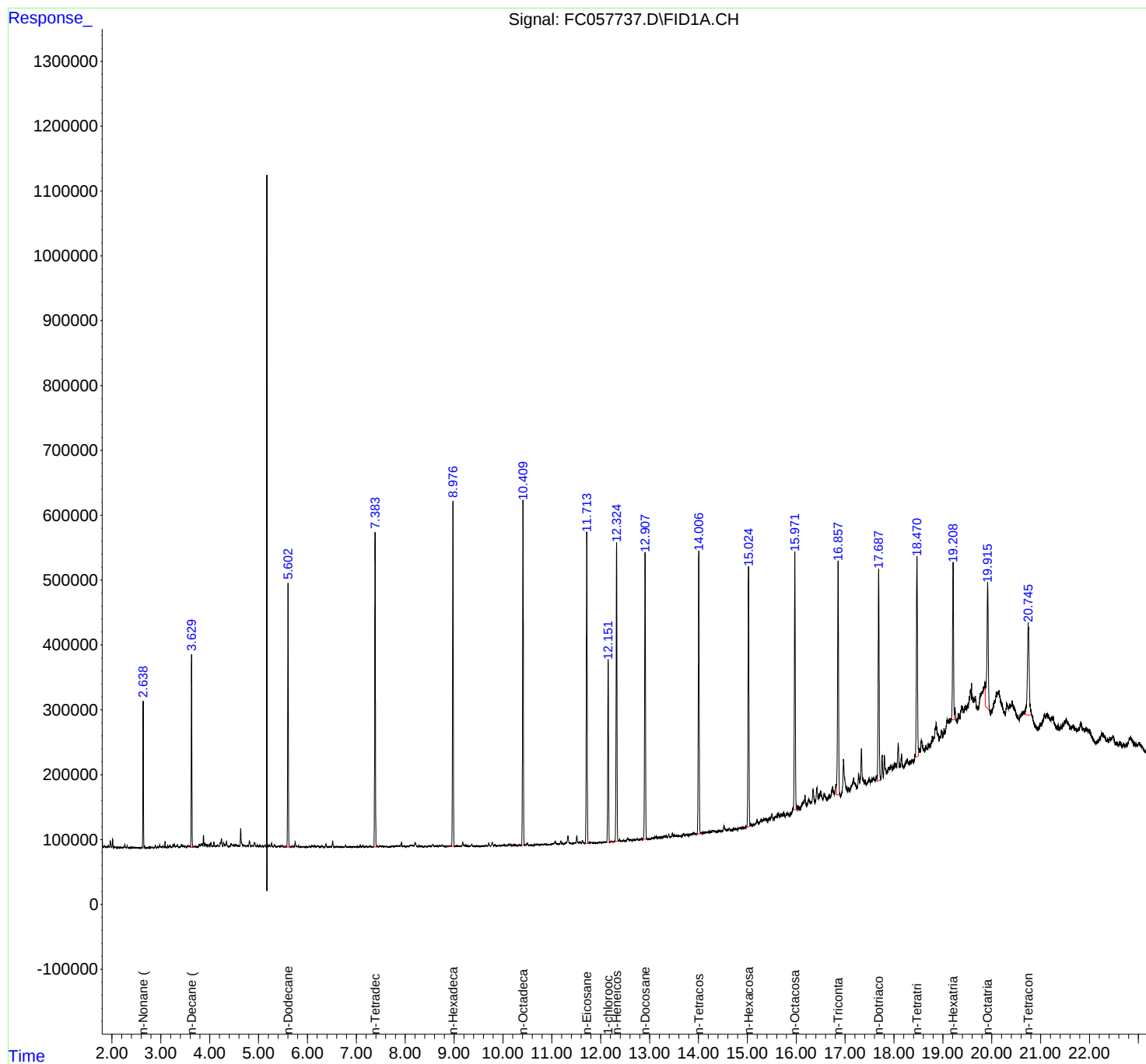
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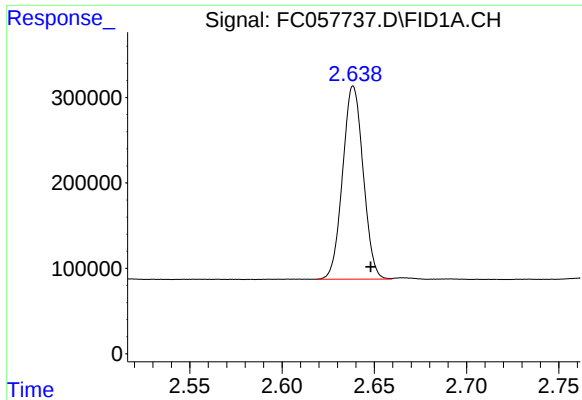
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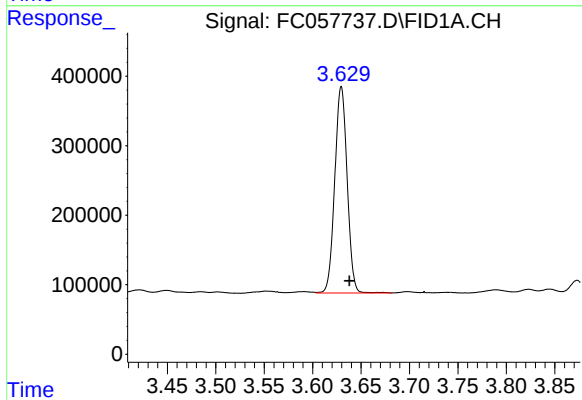
#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: -0.010 min
Response: 1753822
Conc: 10.97 ug/ml

Instrument :
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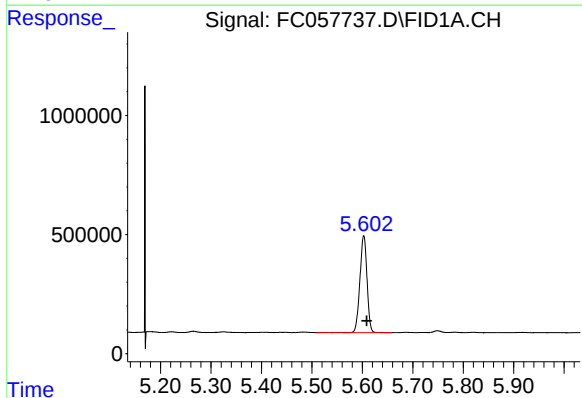
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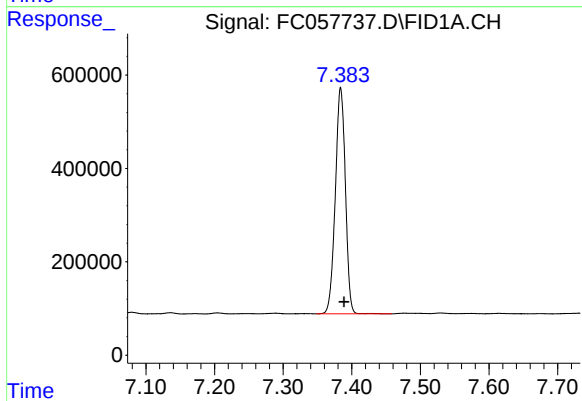
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: -0.008 min
Response: 2646803
Conc: 16.47 ug/ml



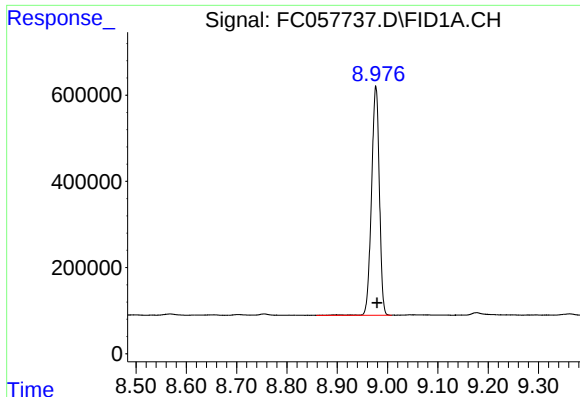
#4 n-Dodecane (C12)

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 3977035
Conc: 24.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 4930811
Conc: 29.87 ug/ml



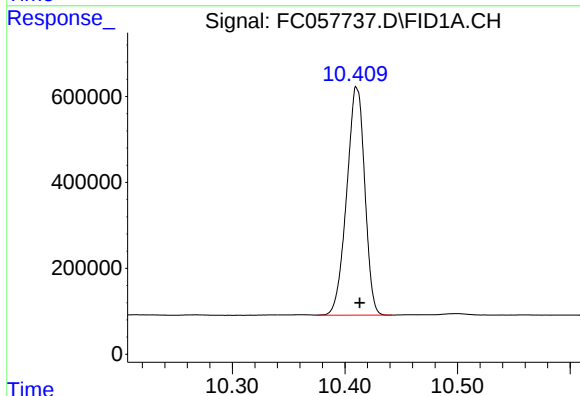
#7 n-Hexadecane (C16)

R.T.: 8.977 min
Delta R.T.: -0.002 min
Response: 5737172
Conc: 34.35 ug/ml

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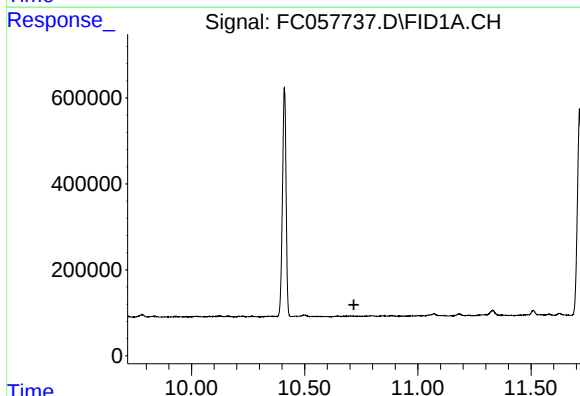
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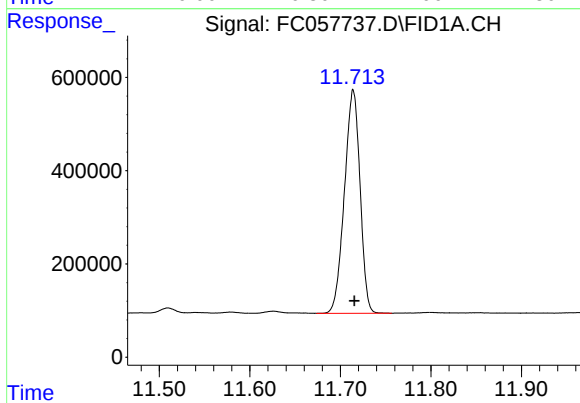
#8 n-Octadecane (C18)

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 5927479
Conc: 34.44 ug/ml



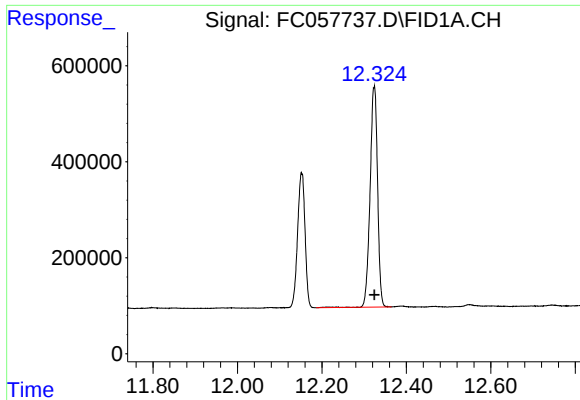
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.717 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.714 min
Delta R.T.: -0.001 min
Response: 5742216
Conc: 33.54 ug/ml



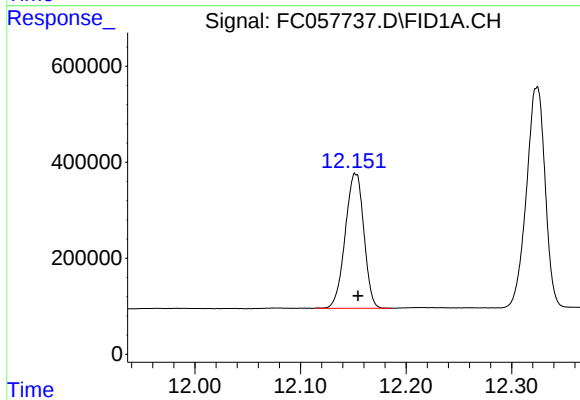
#11 n-Heneicosane (C21)

R.T.: 12.324 min
Delta R.T.: 0.000 min
Response: 5661942
Conc: 32.74 ug/ml

Instrument :
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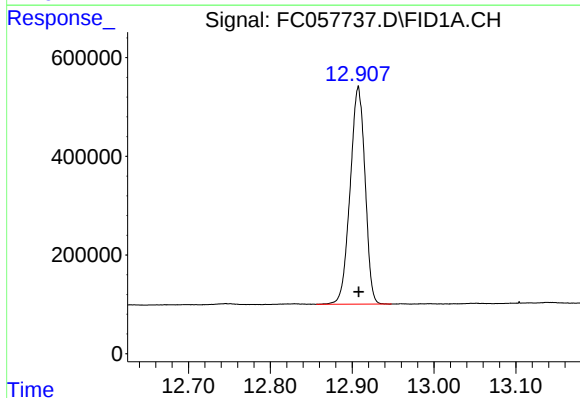
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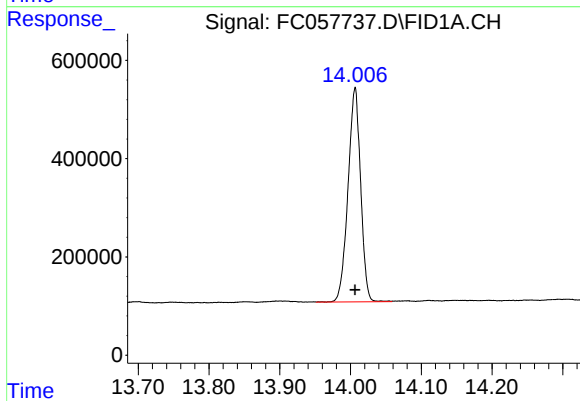
#12 1-chlorooctadecane (SURR)

R.T.: 12.152 min
Delta R.T.: -0.003 min
Response: 3442493
Conc: 23.36 ug/ml



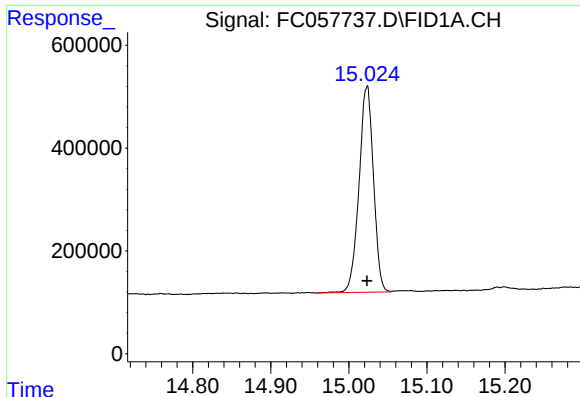
#13 n-Docosane (C22)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 5573343
Conc: 32.21 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.006 min
Delta R.T.: 0.000 min
Response: 5389559
Conc: 31.13 ug/ml



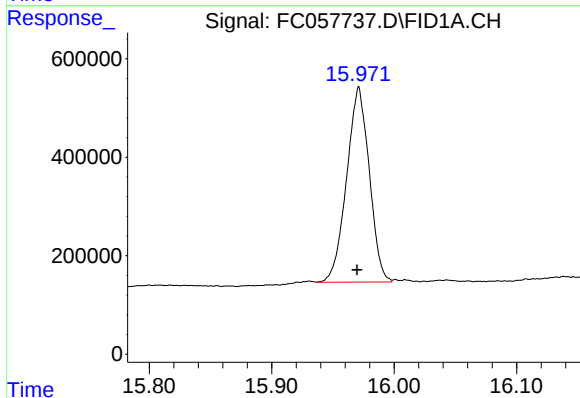
#15 n-Hexacosane (C26)

R.T.: 15.023 min
Delta R.T.: 0.000 min
Response: 5148875
Conc: 30.60 ug/ml

Instrument :
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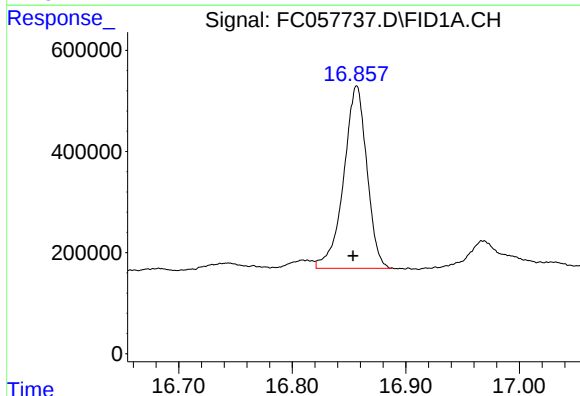
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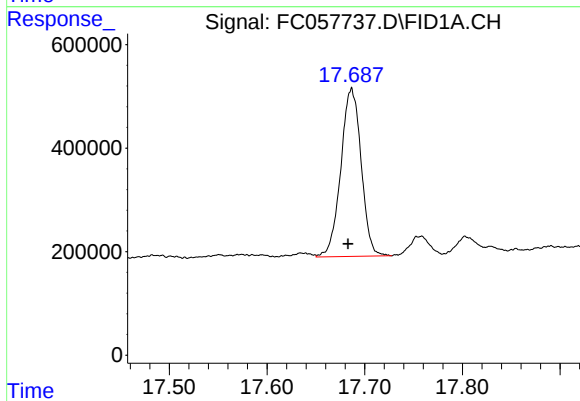
#16 n-Octacosane (C28)

R.T.: 15.971 min
Delta R.T.: 0.001 min
Response: 5088035
Conc: 31.09 ug/ml m



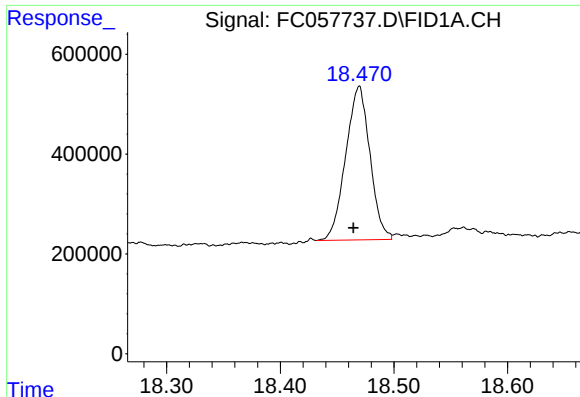
#17 n-Tricontane (C30)

R.T.: 16.857 min
Delta R.T.: 0.003 min
Response: 5105114
Conc: 32.70 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.687 min
Delta R.T.: 0.004 min
Response: 4686284
Conc: 33.61 ug/ml



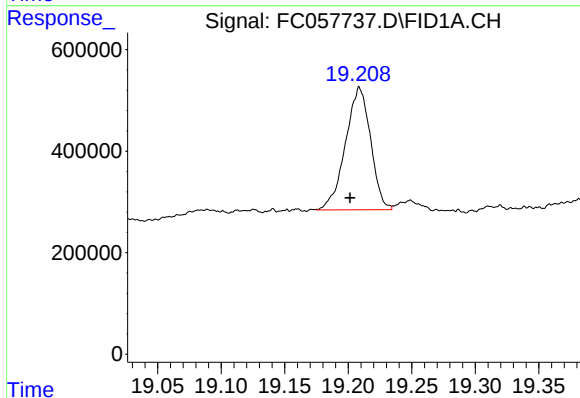
#19 n-Tetratriacontane (C34)

R.T.: 18.470 min
Delta R.T.: 0.005 min
Response: 4564493
Conc: 36.72 ug/ml

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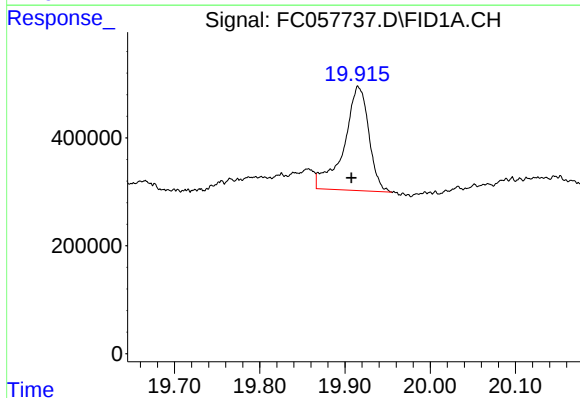
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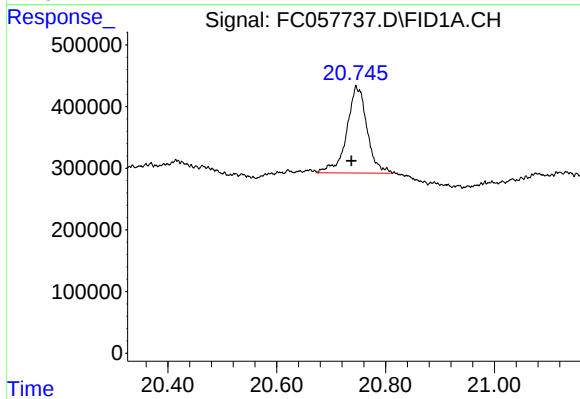
#20 n-Hexatriacontane (C36)

R.T.: 19.208 min
Delta R.T.: 0.007 min
Response: 3319773
Conc: 29.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.915 min
Delta R.T.: 0.007 min
Response: 3893012
Conc: 37.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.745 min
Delta R.T.: 0.008 min
Response: 3630248
Conc: 37.91 ug/ml m