

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057736.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 5:13
 Operator : AJ\MA
 Sample : N1016-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 E3MS

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 07:46:18 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...	12.151	3216039	21.820 ug/mlm
Spiked Amount 50.000		Recovery =	43.64%
Target Compounds			
1) T n-Nonane (C9)	2.639	1737643	10.866 ug/mlm
2) T n-Decane (C10)	3.630	2615743	16.274 ug/ml
4) T n-Dodecane (C12)	5.602	3917884	24.293 ug/ml
6) T n-Tetradecane (C14)	7.384	4896196	29.657 ug/ml
7) T n-Hexadecane (C16)	8.976	5706975	34.165 ug/ml
8) T n-Octadecane (C18)	10.411	5906639	34.323 ug/ml
10) T n-Eicosane (C20)	11.713	5753426	33.608 ug/ml
11) T n-Heneicosane (C21)	12.321	5664246	32.756 ug/mlm
13) T n-Docosane (C22)	12.907	5611869	32.438 ug/ml
14) T n-Tetracosane (C24)	14.005	5459828	31.540 ug/ml
15) T n-Hexacosane (C26)	15.023	5215866	30.994 ug/ml
16) T n-Octacosane (C28)	15.970	5216327	31.876 ug/mlm
17) T n-Tricontane (C30)	16.855	5144771	32.953 ug/mlm
18) T n-Dotriacontane (C32)	17.687	4667270	33.475 ug/mlm
19) T n-Tetratriacontane (C34)	18.468	4660633	37.498 ug/ml
20) T n-Hexatriacontane (C36)	19.207	3752982	33.756 ug/ml
21) T n-Octatriacontane (C38)	19.916	3393923	32.535 ug/mlm
22) T n-Tetracontane (C40)	20.750	3041454	31.764 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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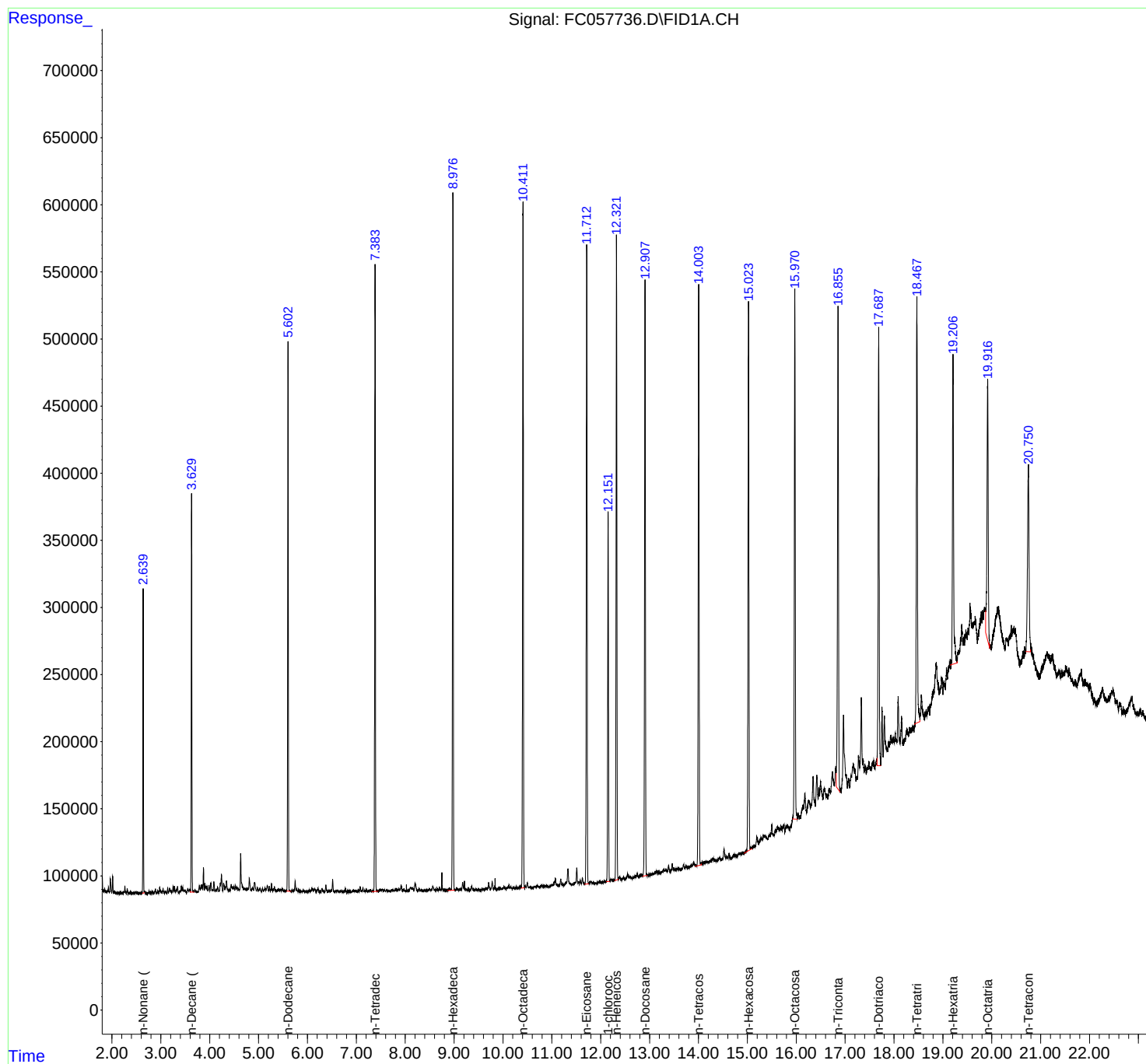
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ClientSampleId :
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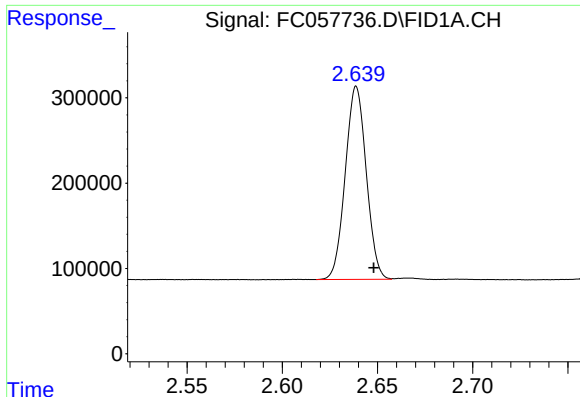
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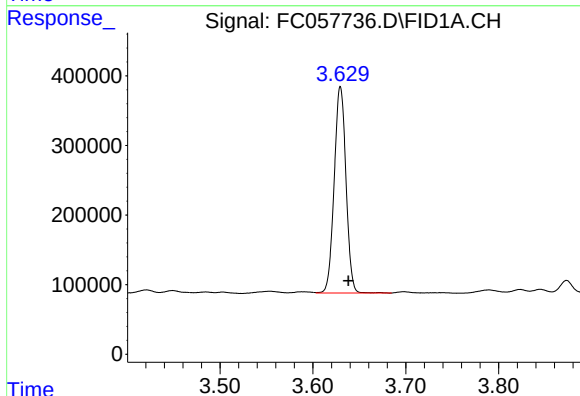
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.009 min
Response: 1737643
Conc: 10.87 ug/ml

Instrument :
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ClientSampleId :
E3MS

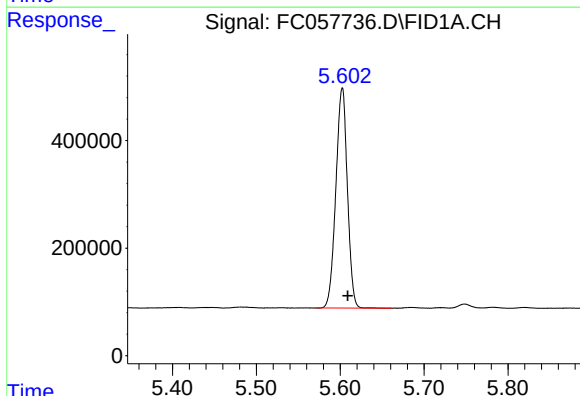
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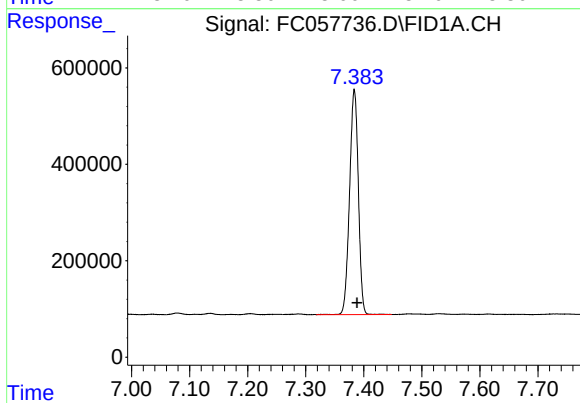
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: -0.008 min
Response: 2615743
Conc: 16.27 ug/ml



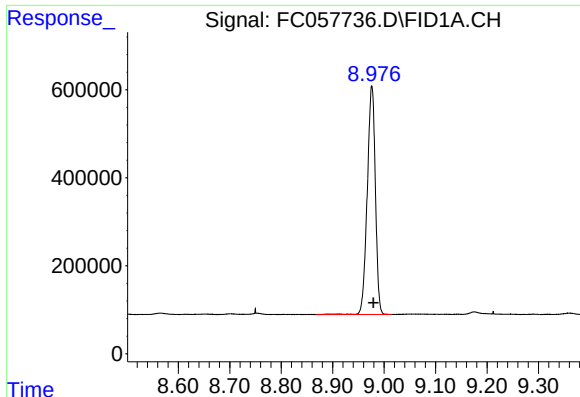
#4 n-Dodecane (C12)

R.T.: 5.602 min
Delta R.T.: -0.007 min
Response: 3917884
Conc: 24.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 4896196
Conc: 29.66 ug/ml



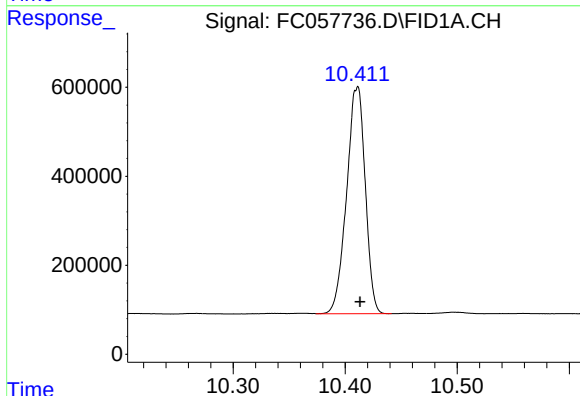
#7 n-Hexadecane (C16)

R.T.: 8.976 min
Delta R.T.: -0.003 min
Response: 5706975
Conc: 34.17 ug/ml

Instrument :
FID_C
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E3MS

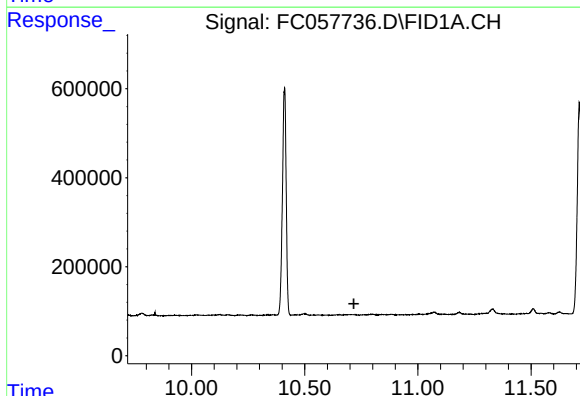
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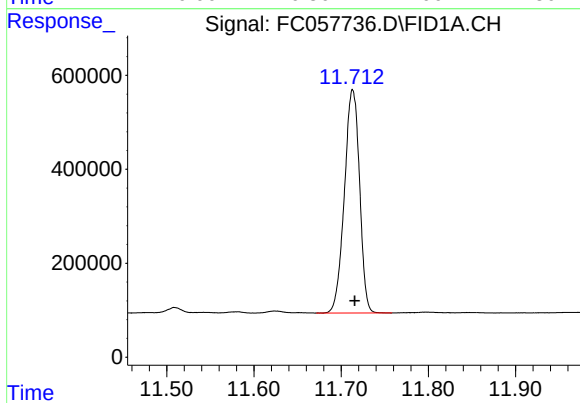
#8 n-Octadecane (C18)

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 5906639
Conc: 34.32 ug/ml



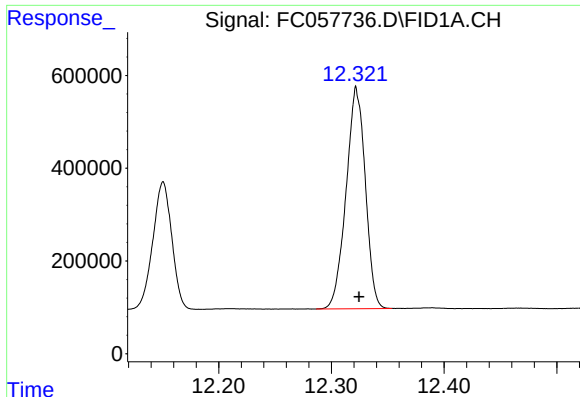
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.002 min
Response: 5753426
Conc: 33.61 ug/ml



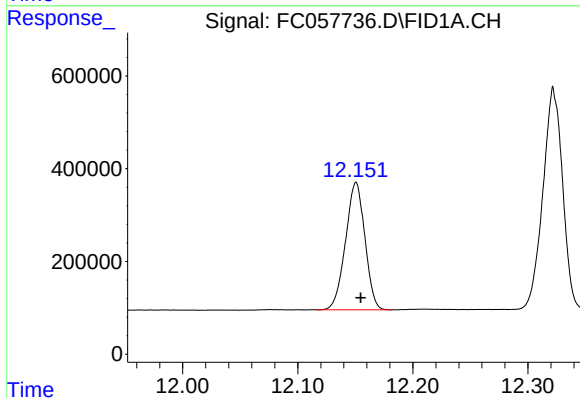
#11 n-Heneicosane (C21)

R.T.: 12.321 min
Delta R.T.: -0.003 min
Response: 5664246
Conc: 32.76 ug/ml

Instrument :
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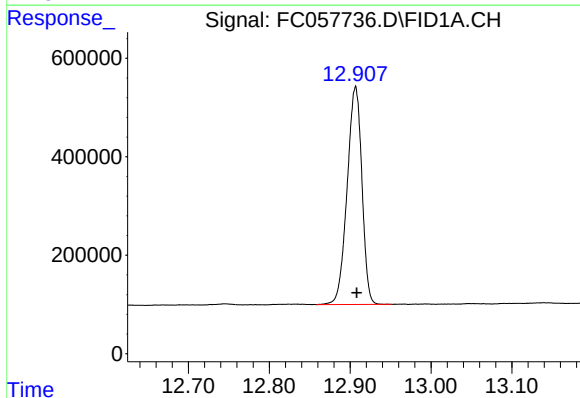
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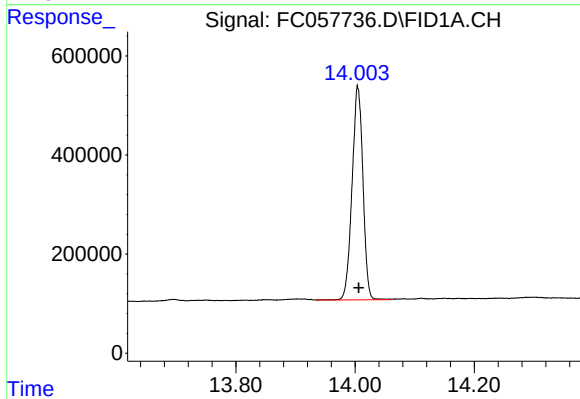
#12 1-chlorooctadecane (SURR)

R.T.: 12.151 min
Delta R.T.: -0.004 min
Response: 3216039
Conc: 21.82 ug/ml m



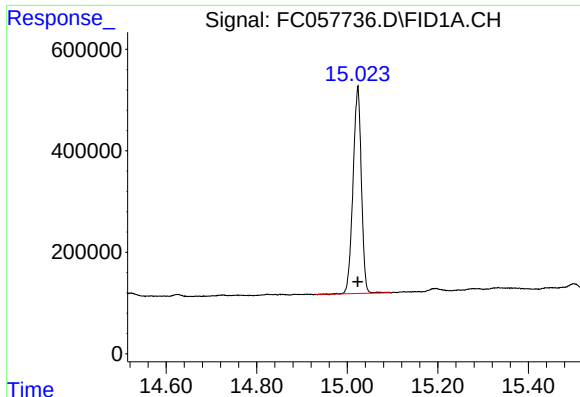
#13 n-Docosane (C22)

R.T.: 12.907 min
Delta R.T.: -0.001 min
Response: 5611869
Conc: 32.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.005 min
Delta R.T.: -0.002 min
Response: 5459828
Conc: 31.54 ug/ml



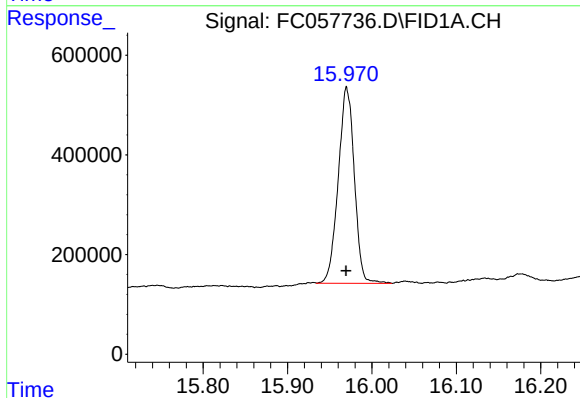
#15 n-Hexacosane (C26)

R.T.: 15.023 min
Delta R.T.: 0.000 min
Response: 5215866
Conc: 30.99 ug/ml

Instrument :
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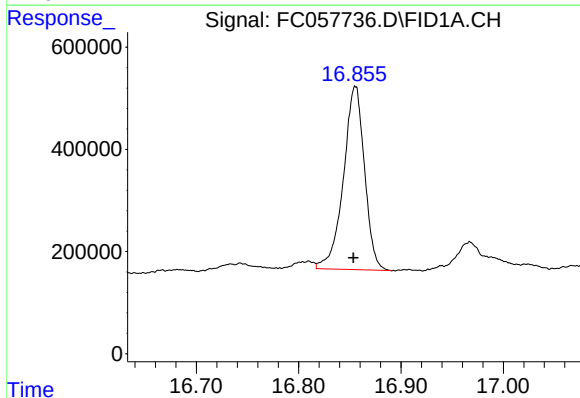
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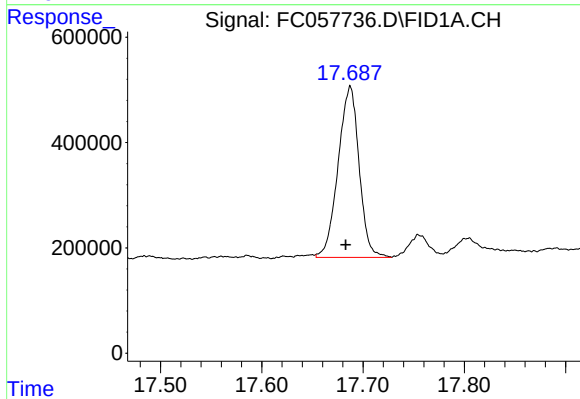
#16 n-Octacosane (C28)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 5216327
Conc: 31.88 ug/ml m



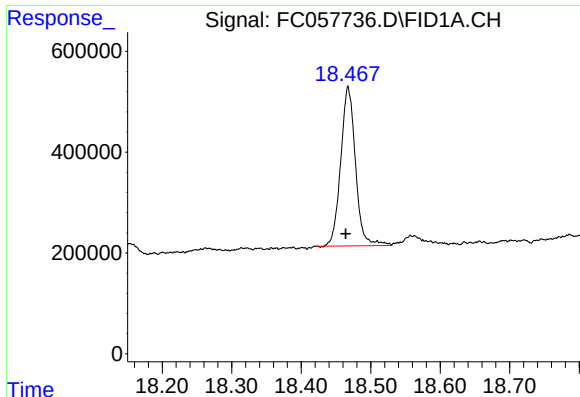
#17 n-Tricontane (C30)

R.T.: 16.855 min
Delta R.T.: 0.000 min
Response: 5144771
Conc: 32.95 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.687 min
Delta R.T.: 0.004 min
Response: 4667270
Conc: 33.48 ug/ml m



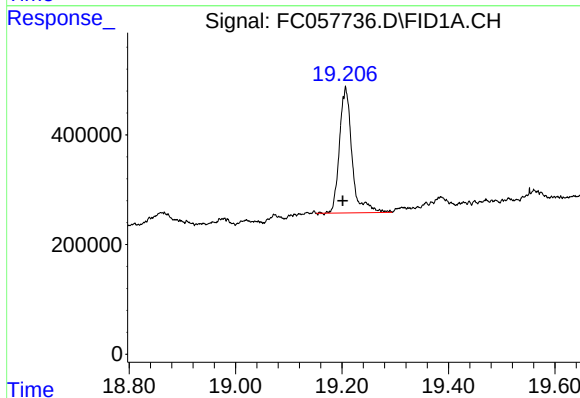
#19 n-Tetratriacontane (C34)

R.T.: 18.468 min
Delta R.T.: 0.003 min
Response: 4660633
Conc: 37.50 ug/ml

Instrument :
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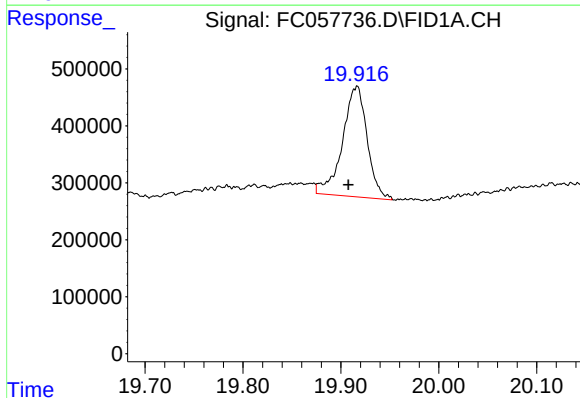
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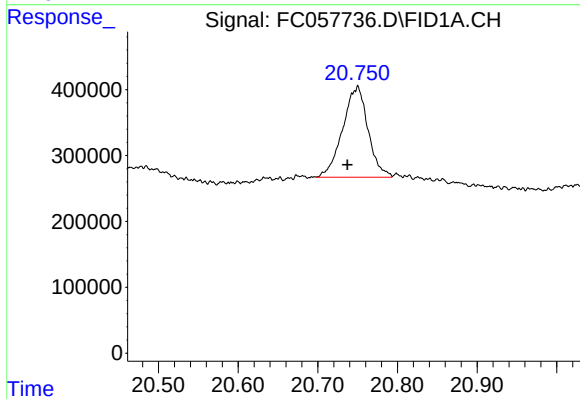
#20 n-Hexatriacontane (C36)

R.T.: 19.207 min
Delta R.T.: 0.005 min
Response: 3752982
Conc: 33.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.916 min
Delta R.T.: 0.008 min
Response: 3393923
Conc: 32.54 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.750 min
Delta R.T.: 0.013 min
Response: 3041454
Conc: 31.76 ug/ml m