

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111324AL\
 Data File : FC067740.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2024 19:04
 Operator : YP/AJ
 Sample : P4768-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
ClientSampleId :
 B-6-3MS

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e
 Quant Time: Nov 14 01:18:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.926	4391882	40.670 ug/mlm
Spiked Amount 50.000		Recovery =	81.34%
Target Compounds			
1) T n-Nonane (C9)	3.270	3858484	28.641 ug/ml
2) T n-Decane (C10)	4.334	4731693	34.729 ug/ml
4) T n-Dodecane (C12)	6.348	5380706	39.727 ug/ml
6) T n-Tetradecane (C14)	8.141	6051317	46.102 ug/ml
7) T n-Hexadecane (C16)	9.739	6574494	49.768 ug/ml
8) T n-Octadecane (C18)	11.178	6823698	51.650 ug/ml
10) T n-Eicosane (C20)	12.485	6879194	54.520 ug/ml
11) T n-Heneicosane (C21)	13.096	6606151	53.528 ug/ml
13) T n-Docosane (C22)	13.681	6583873	53.768 ug/ml
14) T n-Tetracosane (C24)	14.781	6477457	53.440 ug/mlm
15) T n-Hexacosane (C26)	15.801	6410853	53.847 ug/ml
16) T n-Octacosane (C28)	16.749	6273724	53.327 ug/ml
17) T n-Tricontane (C30)	17.635	6441311	53.291 ug/ml
18) T n-Dotriacontane (C32)	18.466	6251844	52.838 ug/ml
19) T n-Tetratriacontane (C34)	19.249	6376751	60.889 ug/mlm
20) T n-Hexatriacontane (C36)	19.987	6069150	66.674 ug/mlm
21) T n-Octatriacontane (C38)	20.710	6063487	70.015 ug/mlm
22) T n-Tetracontane (C40)	21.589	5820414	68.467 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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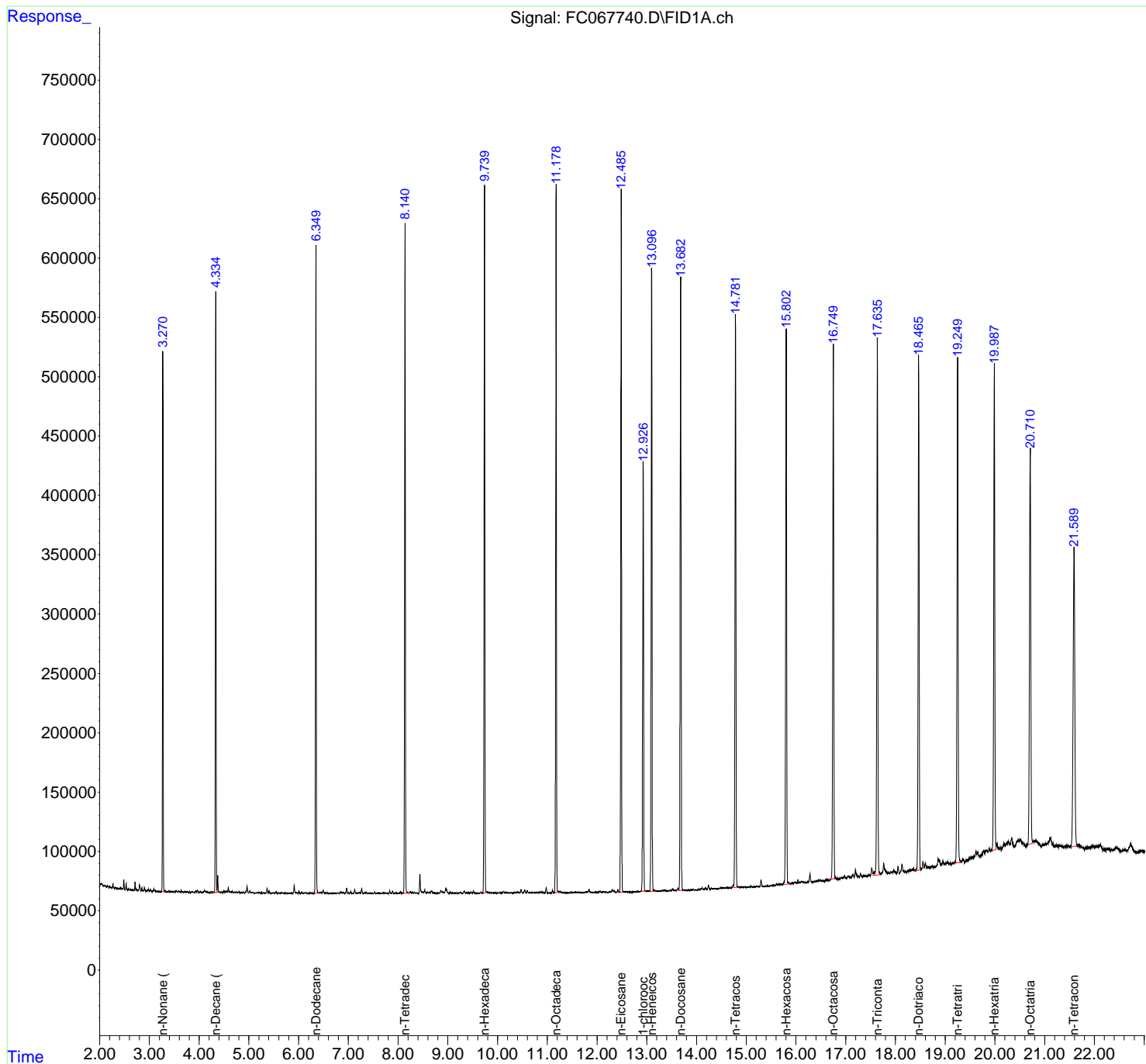
Instrument :
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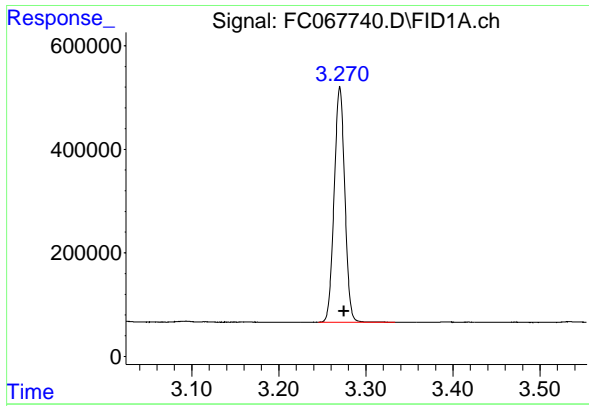
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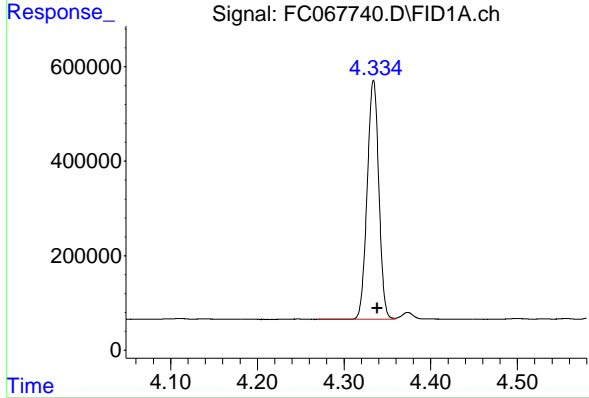
#1 n-Nonane (C9)

R.T.: 3.270 min
 Delta R.T.: -0.005 min
 Response: 3858484
 Conc: 28.64 ug/ml

Instrument : FID_C
 Client SampleId : B-6-3MS

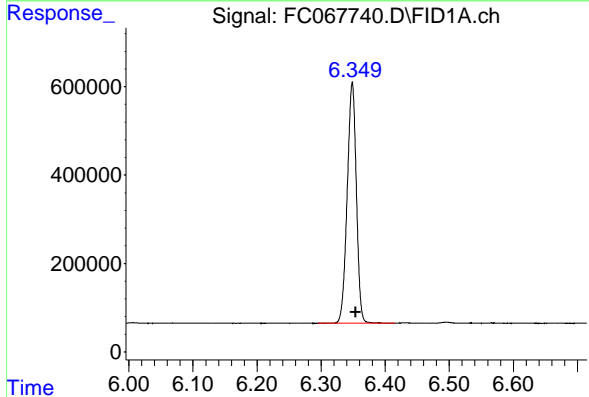
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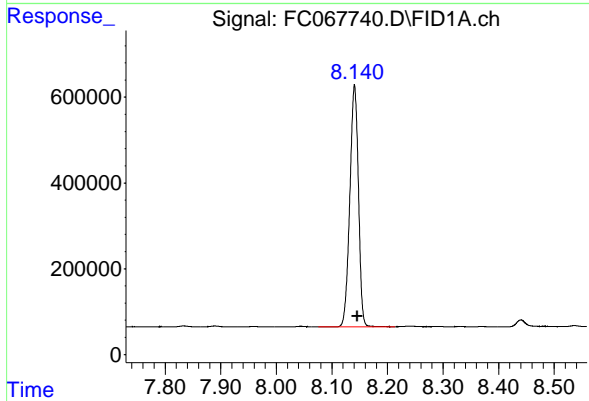
#2 n-Decane (C10)

R.T.: 4.334 min
 Delta R.T.: -0.005 min
 Response: 4731693
 Conc: 34.73 ug/ml



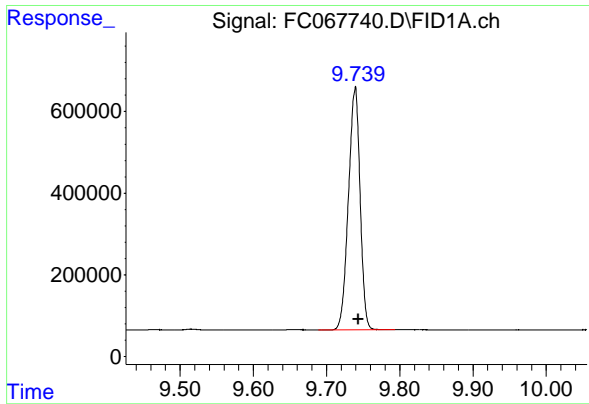
#4 n-Dodecane (C12)

R.T.: 6.348 min
 Delta R.T.: -0.005 min
 Response: 5380706
 Conc: 39.73 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.141 min
 Delta R.T.: -0.005 min
 Response: 6051317
 Conc: 46.10 ug/ml



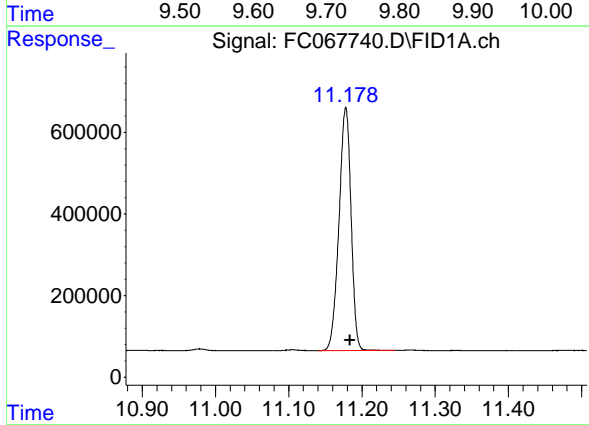
#7 n-Hexadecane (C16)

R.T.: 9.739 min
 Delta R.T.: -0.005 min
 Response: 6574494
 Conc: 49.77 ug/ml

Instrument : FID_C
 Client Sample Id : B-6-3MS

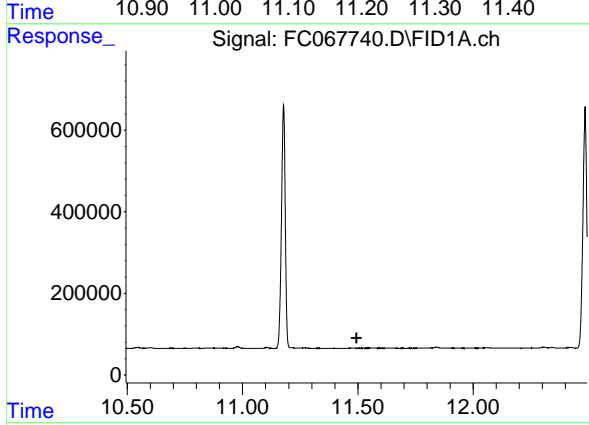
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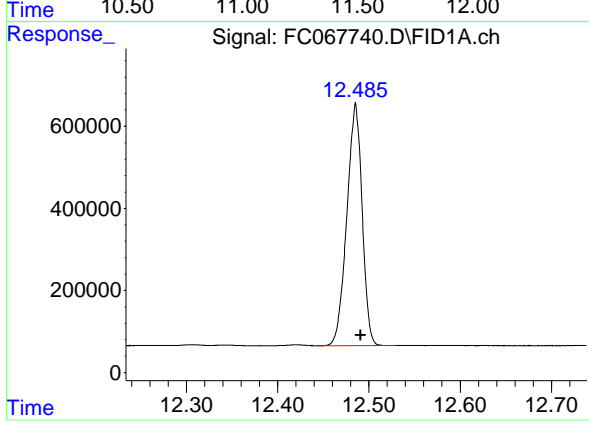
#8 n-Octadecane (C18)

R.T.: 11.178 min
 Delta R.T.: -0.006 min
 Response: 6823698
 Conc: 51.65 ug/ml



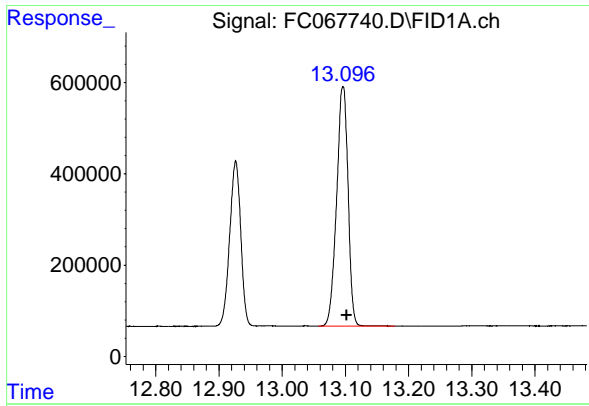
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
 Exp R.T. : 11.494 min
 Response: 0
 Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.485 min
 Delta R.T.: -0.006 min
 Response: 6879194
 Conc: 54.52 ug/ml



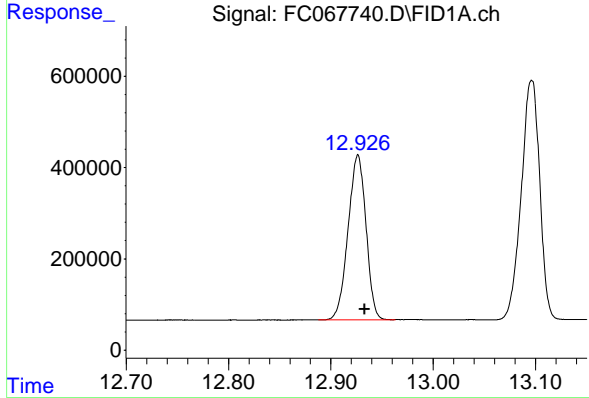
#11 n-Heneicosane (C21)

R.T.: 13.096 min
 Delta R.T.: -0.006 min
 Response: 6606151
 Conc: 53.53 ug/ml

Instrument : FID_C
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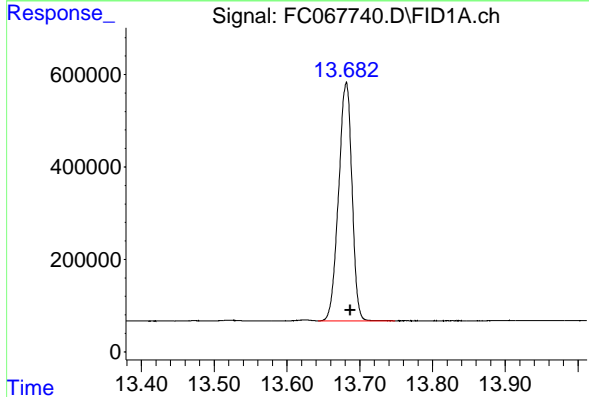
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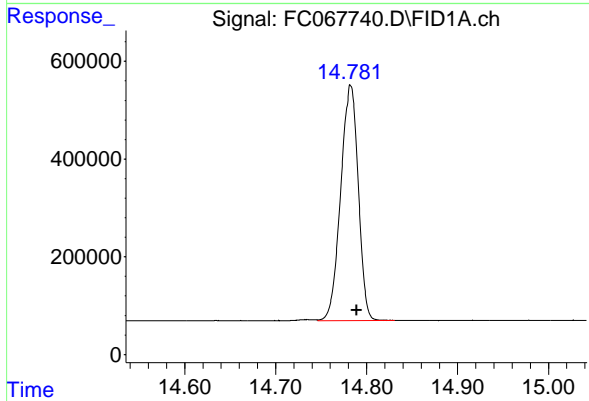
#12 1-chlorooctadecane (SURRE)

R.T.: 12.926 min
 Delta R.T.: -0.007 min
 Response: 4391882
 Conc: 40.67 ug/ml m



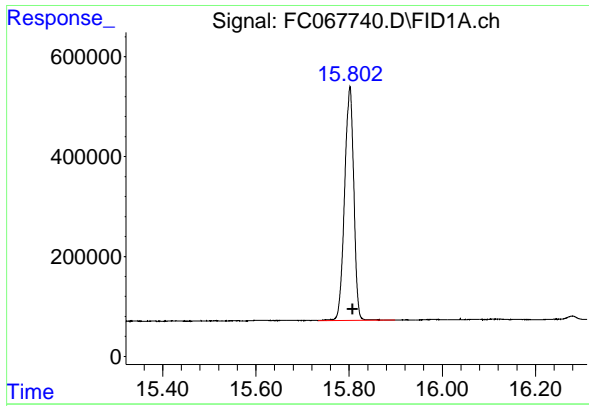
#13 n-Docosane (C22)

R.T.: 13.681 min
 Delta R.T.: -0.006 min
 Response: 6583873
 Conc: 53.77 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.781 min
 Delta R.T.: -0.008 min
 Response: 6477457
 Conc: 53.44 ug/ml m



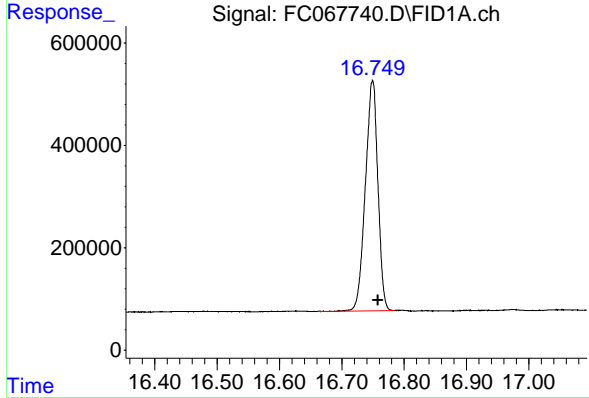
#15 n-Hexacosane (C26)

R.T.: 15.801 min
 Delta R.T.: -0.006 min
 Response: 6410853
 Conc: 53.85 ug/ml

Instrument : FID_C
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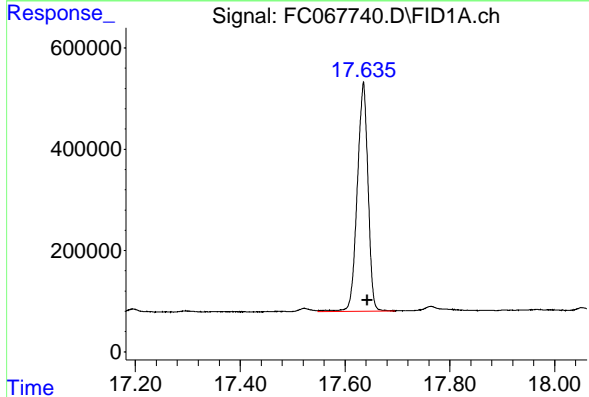
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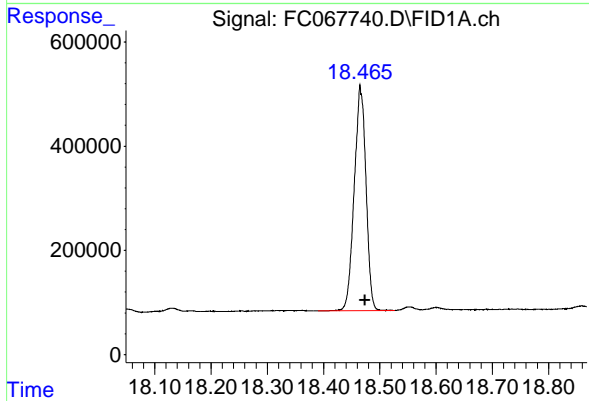
#16 n-Octacosane (C28)

R.T.: 16.749 min
 Delta R.T.: -0.009 min
 Response: 6273724
 Conc: 53.33 ug/ml



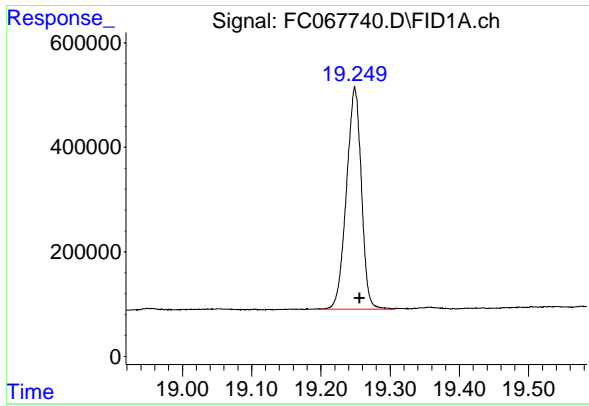
#17 n-Tricontane (C30)

R.T.: 17.635 min
 Delta R.T.: -0.008 min
 Response: 6441311
 Conc: 53.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.466 min
 Delta R.T.: -0.008 min
 Response: 6251844
 Conc: 52.84 ug/ml



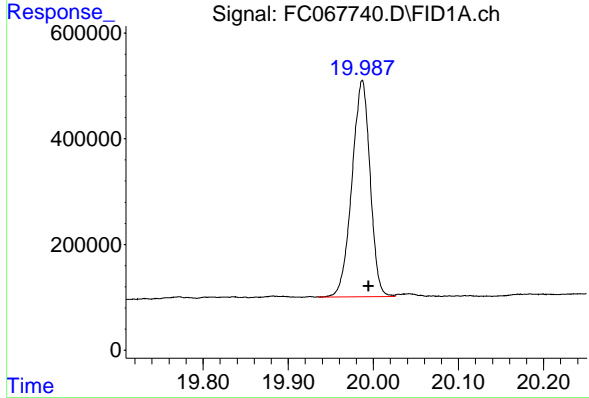
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
 Delta R.T.: -0.008 min
 Response: 6376751
 Conc: 60.89 ug/ml

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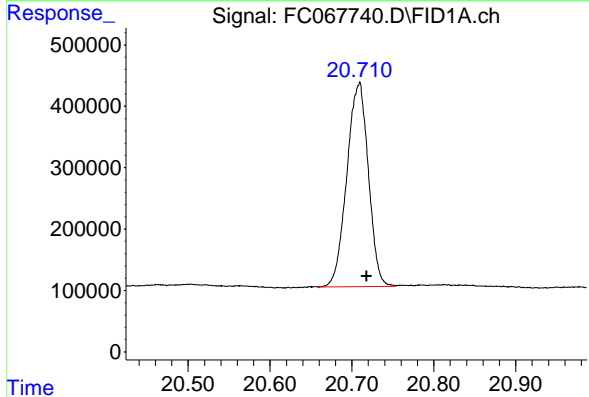
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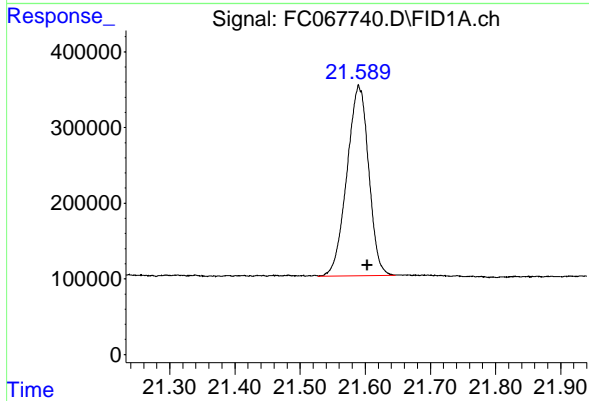
#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
 Delta R.T.: -0.007 min
 Response: 6069150
 Conc: 66.67 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
 Delta R.T.: -0.008 min
 Response: 6063487
 Conc: 70.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.589 min
 Delta R.T.: -0.014 min
 Response: 5820414
 Conc: 68.47 ug/ml m