

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056767.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2021 22:27
 Operator : AJ\MA
 Sample : M4654-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PARKINGLOT-BOTTOM-U-SP-1-1MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: autoint1.e
 Quant Time: Nov 13 05:49:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.614	3633194	29.343 ug/ml
Spiked Amount 50.000		Recovery =	58.69%
12) S 1-chlorooctadecane (S...	13.045	2783559	28.928 ug/ml
Spiked Amount 50.000		Recovery =	57.86%
Target Compounds			
1) T n-Nonane (C9)	3.366	3450915	31.884 ug/mlm
2) T n-Decane (C10)	4.438	4218169	39.159 ug/ml
3) T A~Naphthalene (C11.7)	6.030	4587524	37.627 ug/ml
4) T n-Dodecane (C12)	6.459	4845930	43.958 ug/ml
5) T A~2-methylnaphthalene...	7.088	4718269	38.529 ug/ml
6) T n-Tetradecane (C14)	8.255	5097475	45.405 ug/ml
7) T n-Hexadecane (C16)	9.854	5238968	46.081 ug/ml
8) T n-Octadecane (C18)	11.295	5340296	45.699 ug/ml
10) T n-Eicosane (C20)	12.602	4908027	42.705 ug/ml
11) T n-Heneicosane (C21)	13.212	4737465	41.223 ug/ml
13) T n-Docosane (C22)	13.797	4616595	41.005 ug/ml
14) T n-Tetracosane (C24)	14.897	8862630	80.420 ug/ml
15) T n-Hexacosane (C26)	15.917	4343636	41.154 ug/ml
16) T n-Octacosane (C28)	16.860	4401925	42.438 ug/ml
17) T n-Tricontane (C30)	17.748	4275021	41.261 ug/ml
18) T n-Dotriacontane (C32)	18.574	4203403	43.873 ug/ml
19) T n-Tetratriacontane (C34)	19.353	3992393	45.519 ug/ml
20) T n-Hexatriacontane (C36)	20.089	3763636	45.981 ug/mlm
21) T n-Octatriacontane (C38)	20.824	3432419	42.918 ug/ml
22) T n-Tetracontane (C40)	21.737	3412497	41.419 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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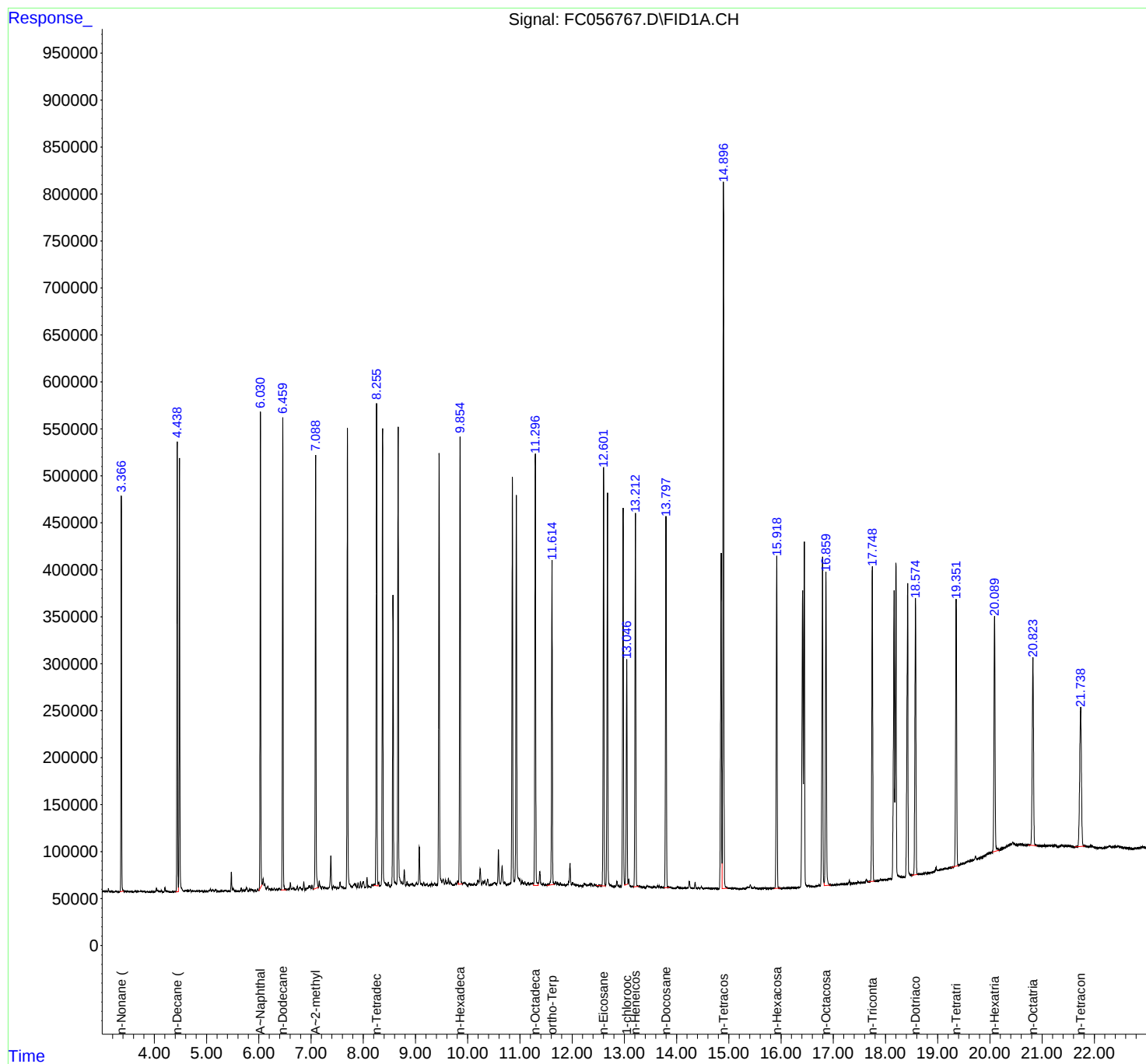
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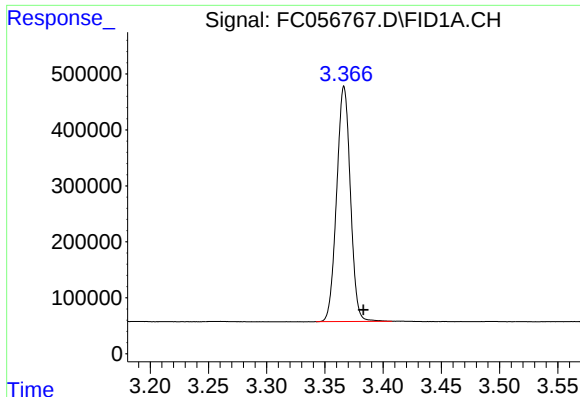
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#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.017 min
Response: 3450915
Conc: 31.88 ug/ml

Instrument :

FID_C

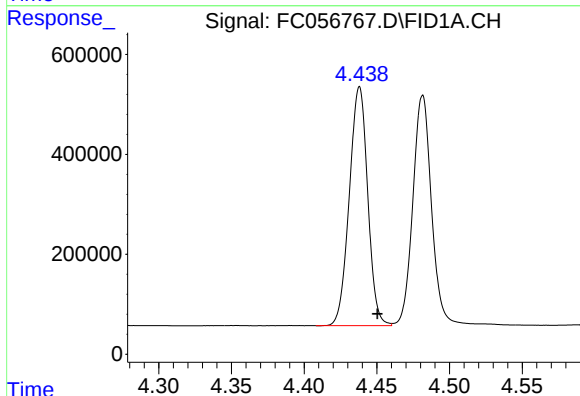
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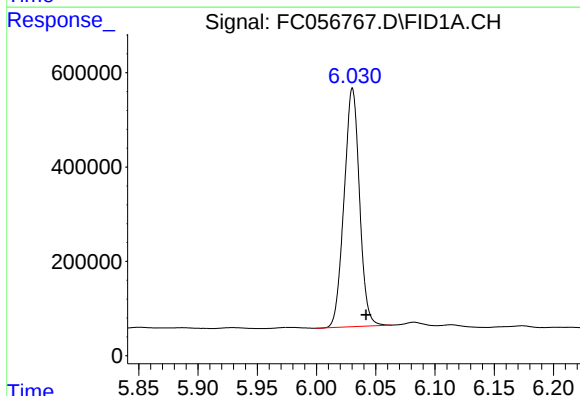
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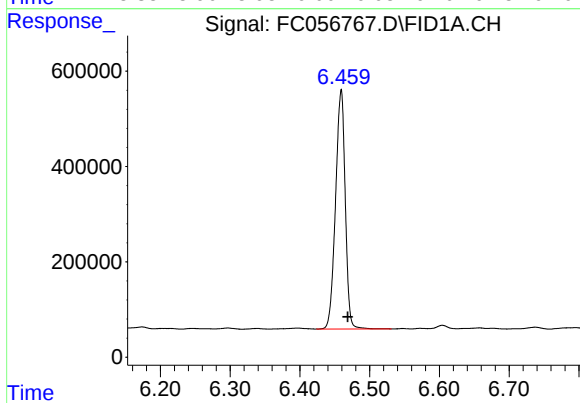
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.012 min
Response: 4218169
Conc: 39.16 ug/ml



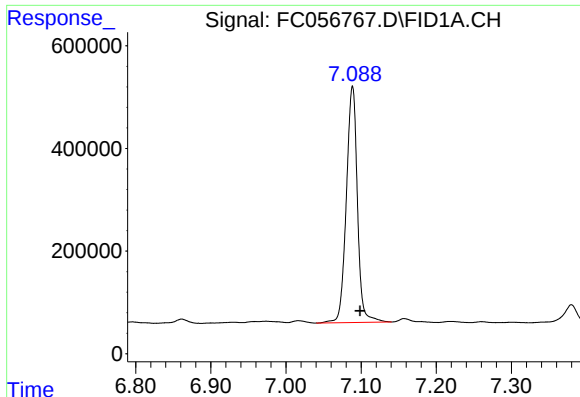
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.012 min
Response: 4587524
Conc: 37.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.459 min
Delta R.T.: -0.010 min
Response: 4845930
Conc: 43.96 ug/ml



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

R.T.: 7.088 min
Delta R.T.: -0.010 min
Response: 4718269
Conc: 38.53 ug/ml

Instrument :

FID_C

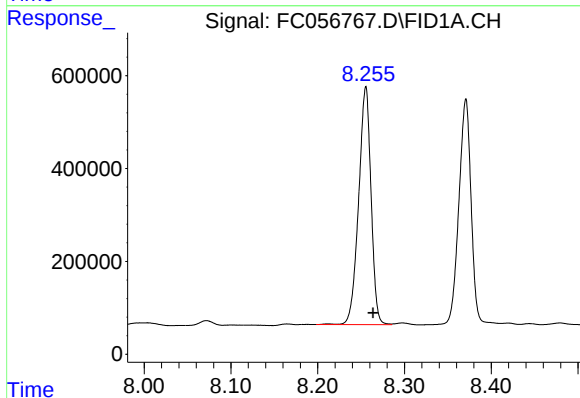
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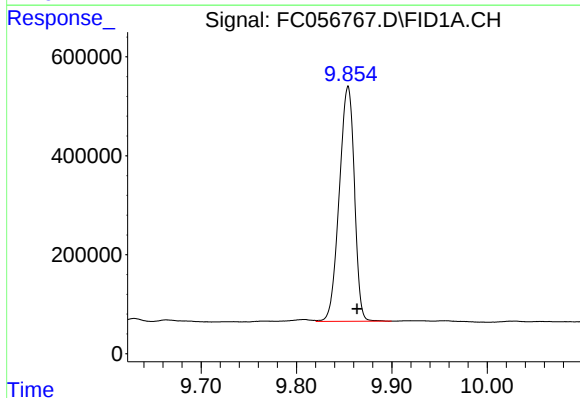
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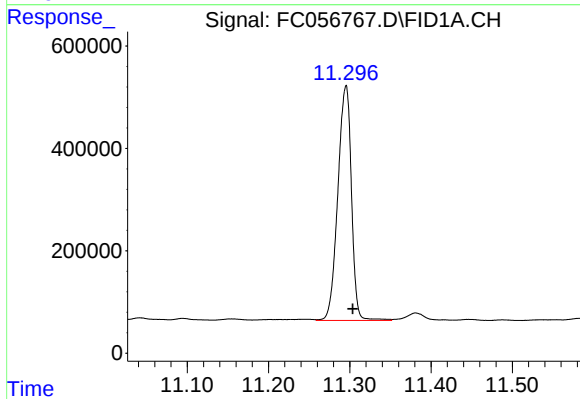
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.009 min
Response: 5097475
Conc: 45.40 ug/ml



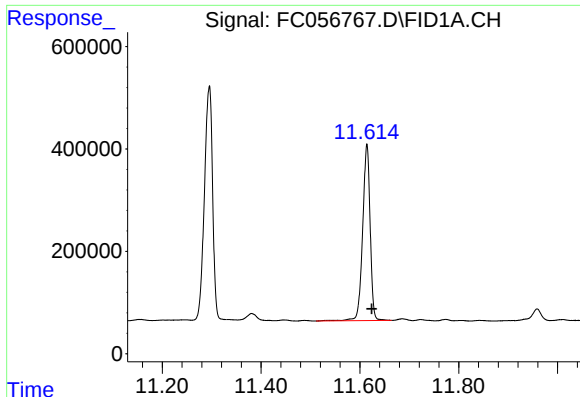
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.010 min
Response: 5238968
Conc: 46.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.009 min
Response: 5340296
Conc: 45.70 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.010 min
Response: 3633194
Conc: 29.34 ug/ml

Instrument :

FID_C

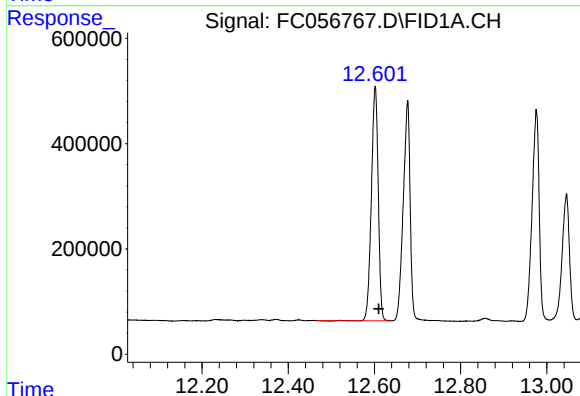
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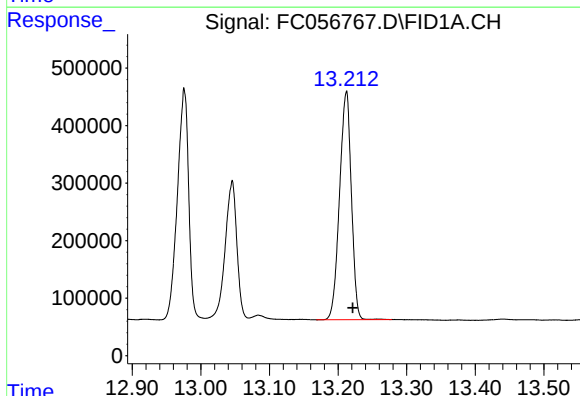
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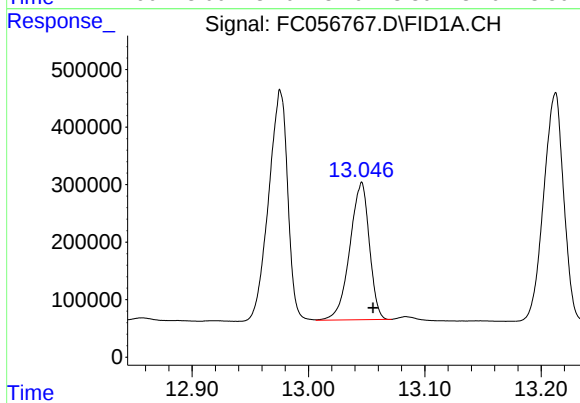
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.009 min
Response: 4908027
Conc: 42.71 ug/ml



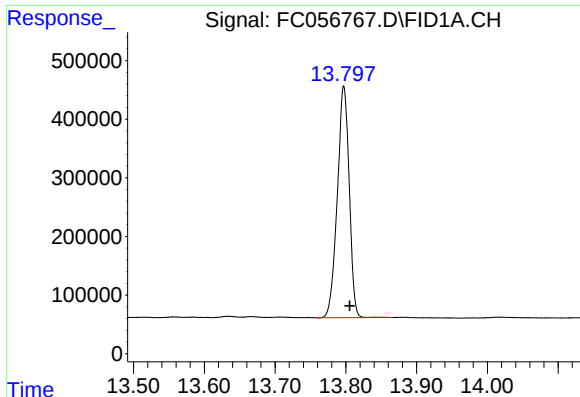
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.010 min
Response: 4737465
Conc: 41.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.010 min
Response: 2783559
Conc: 28.93 ug/ml



#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.008 min
Response: 4616595
Conc: 41.01 ug/ml

Instrument :

FID_C

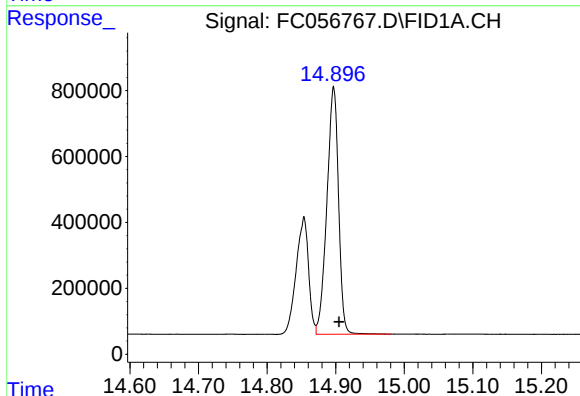
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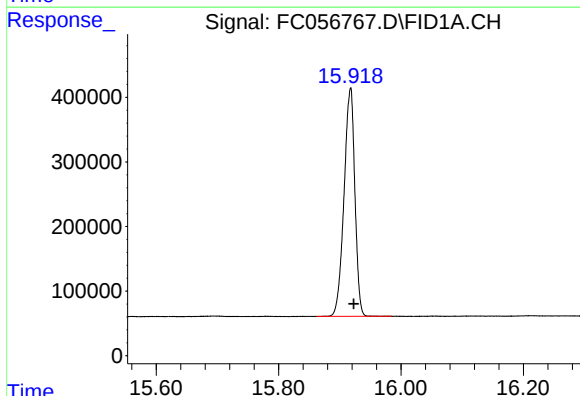
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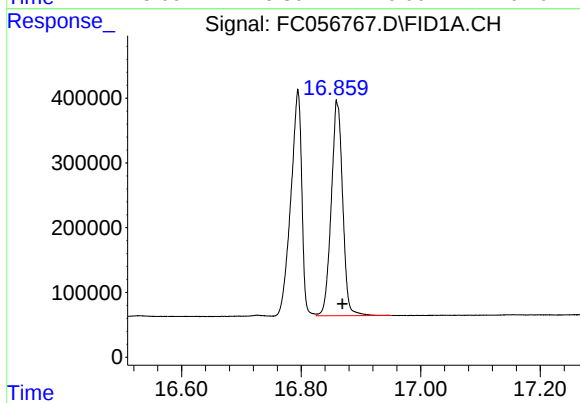
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.008 min
Response: 8862630
Conc: 80.42 ug/ml



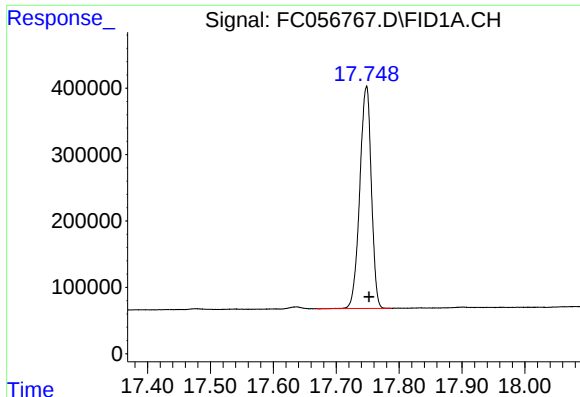
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.006 min
Response: 4343636
Conc: 41.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.008 min
Response: 4401925
Conc: 42.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.748 min
Delta R.T.: -0.005 min
Response: 4275021
Conc: 41.26 ug/ml

Instrument :

FID_C

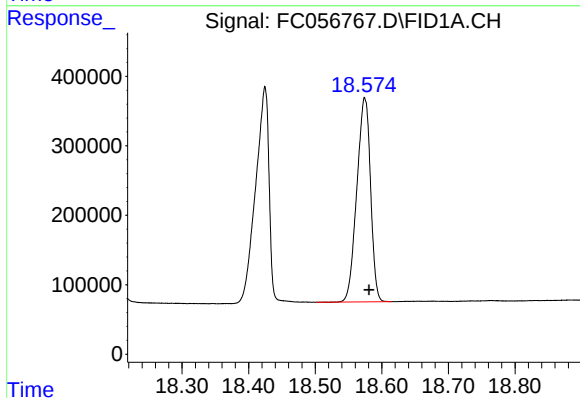
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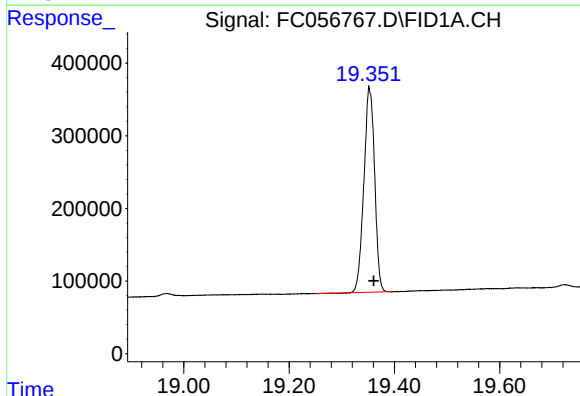
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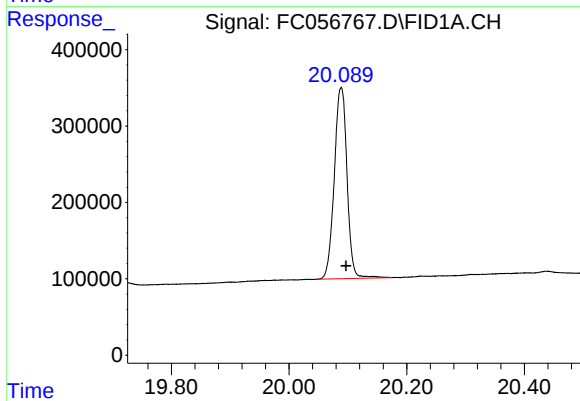
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.007 min
Response: 4203403
Conc: 43.87 ug/ml



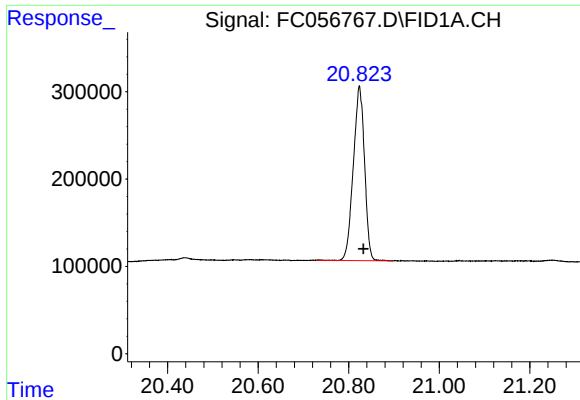
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.008 min
Response: 3992393
Conc: 45.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.008 min
Response: 3763636
Conc: 45.98 ug/ml m



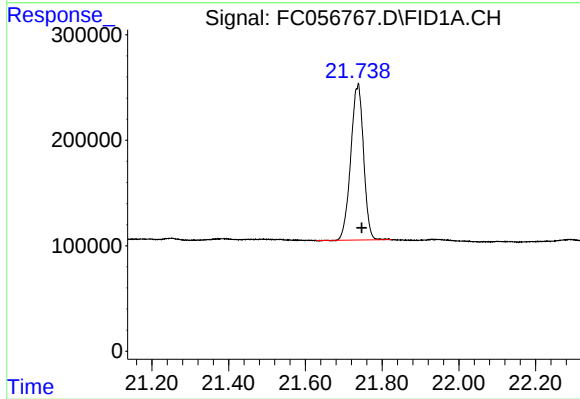
#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: -0.008 min
Response: 3432419
Conc: 42.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: -0.010 min
Response: 3412497
Conc: 41.42 ug/ml