

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056758.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2021 16:23
 Operator : AJ\MA
 Sample : PB140724BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140724BS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 12 23:37:36 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)	11.616	4613566	37.261 ug/ml
Spiked Amount 50.000		Recovery =	74.52%
12) S 1-chlorooctadecane (S...	13.047	3634618	37.773 ug/ml
Spiked Amount 50.000		Recovery =	75.55%
Target Compounds			
1) T n-Nonane (C9)	3.379	4145770	38.304 ug/ml
2) T n-Decane (C10)	4.444	4516494	41.929 ug/ml
3) T A~Naphthalene (C11.7)	6.033	5036268	41.308 ug/ml
4) T n-Dodecane (C12)	6.460	4816986	43.696 ug/ml
5) T A~2-methylnaphthalene...	7.090	4866090	39.736 ug/ml
6) T n-Tetradecane (C14)	8.256	4842231	43.131 ug/ml
7) T n-Hexadecane (C16)	9.853	4777715	42.024 ug/ml
8) T n-Octadecane (C18)	11.295	4732525	40.498 ug/ml
10) T n-Eicosane (C20)	12.602	4468717	38.883 ug/ml
11) T n-Heneicosane (C21)	13.213	4367765	38.006 ug/ml
13) T n-Docosane (C22)	13.798	4285160	38.062 ug/ml
14) T n-Tetracosane (C24)	14.898	8427450	76.472 ug/ml
15) T n-Hexacosane (C26)	15.917	4115126	38.989 ug/ml
16) T n-Octacosane (C28)	16.862	4169496	40.197 ug/ml
17) T n-Tricontane (C30)	17.747	4094104	39.515 ug/ml
18) T n-Dotriacontane (C32)	18.576	4017128	41.929 ug/ml
19) T n-Tetratriacontane (C34)	19.354	3868527	44.106 ug/ml
20) T n-Hexatriacontane (C36)	20.087	3565295	43.558 ug/mlm
21) T n-Octatriacontane (C38)	20.823	3356277	41.966 ug/ml
22) T n-Tetracontane (C40)	21.740	3398831	41.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 5 Sample Multiplier: 1

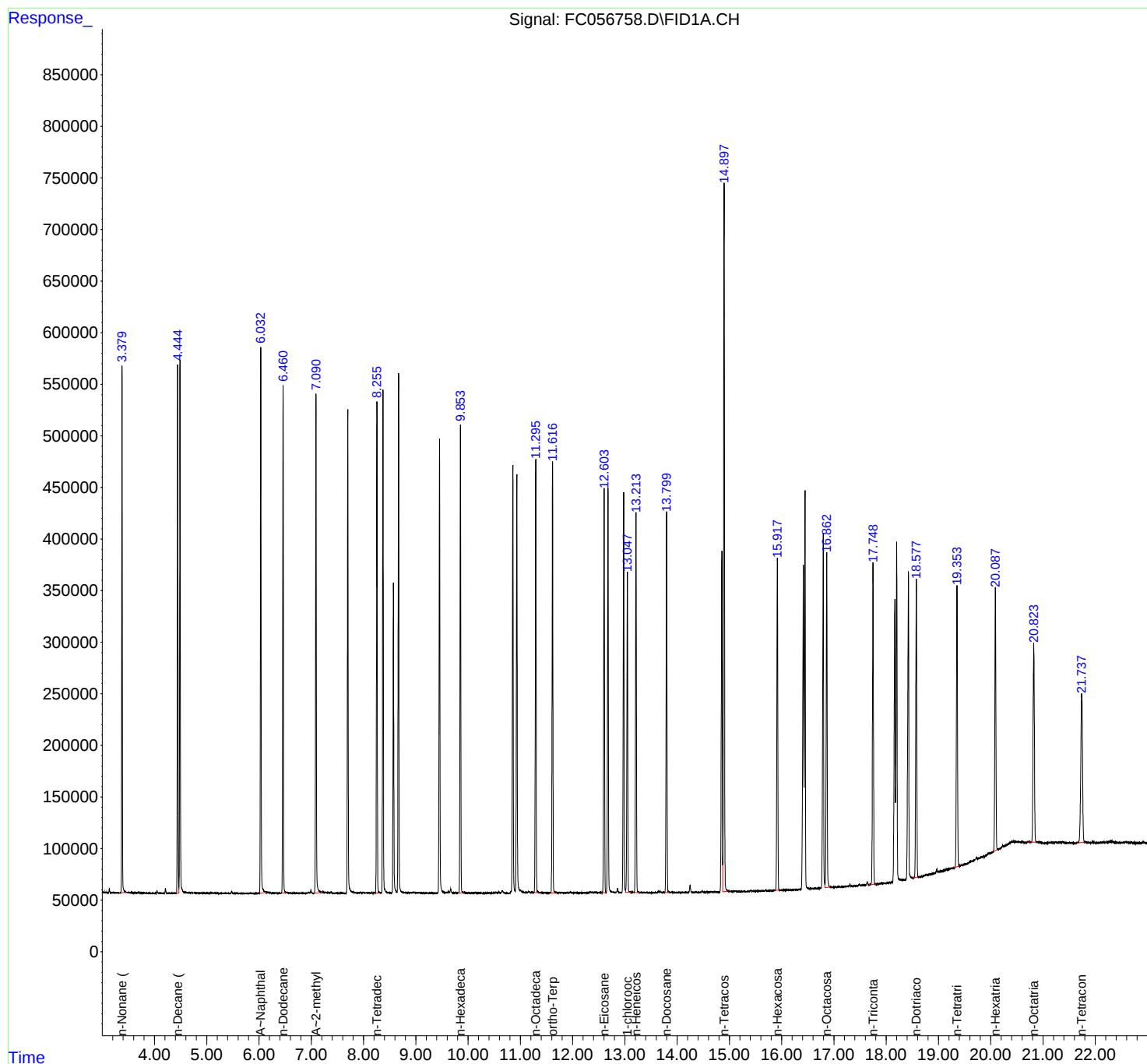
Instrument :
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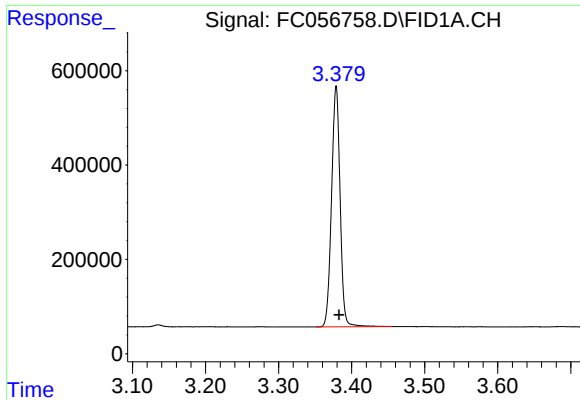
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#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: -0.004 min
Response: 4145770
Conc: 38.30 ug/ml

Instrument :

FID_C

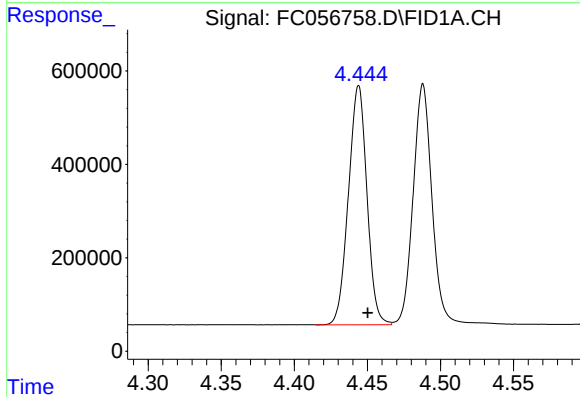
ClientSampleId :

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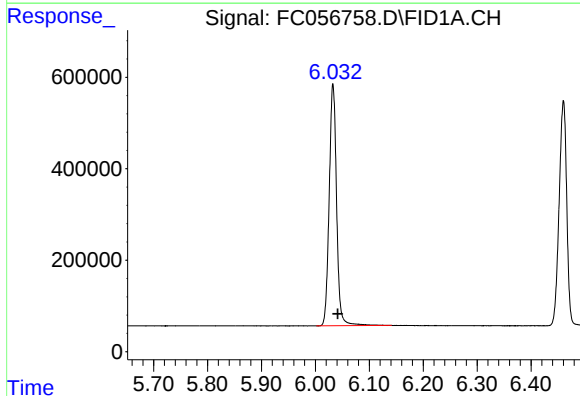
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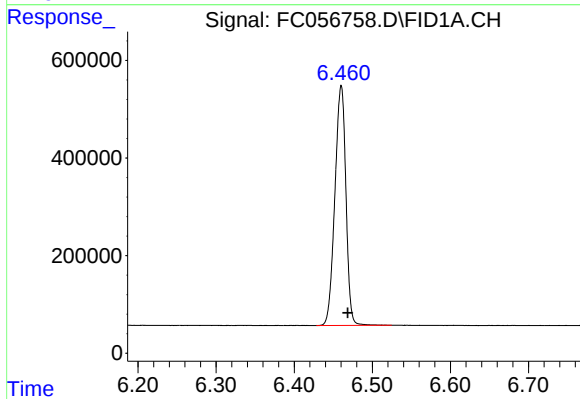
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.006 min
Response: 4516494
Conc: 41.93 ug/ml



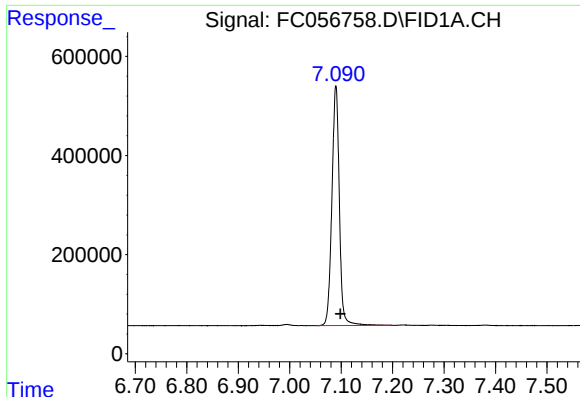
#3 A~Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.009 min
Response: 5036268
Conc: 41.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.009 min
Response: 4816986
Conc: 43.70 ug/ml



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

R.T.: 7.090 min
Delta R.T.: -0.009 min
Response: 4866090
Conc: 39.74 ug/ml

Instrument :

FID_C

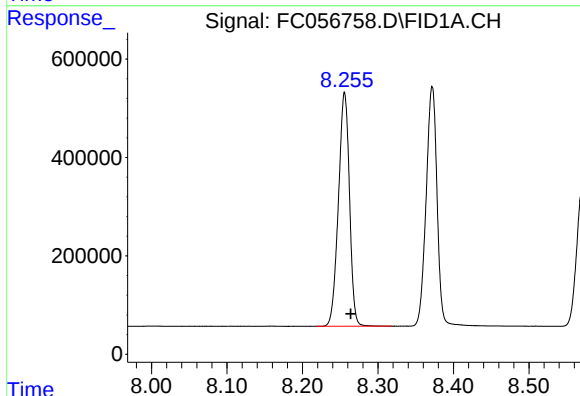
ClientSampleId :

PB140724BS

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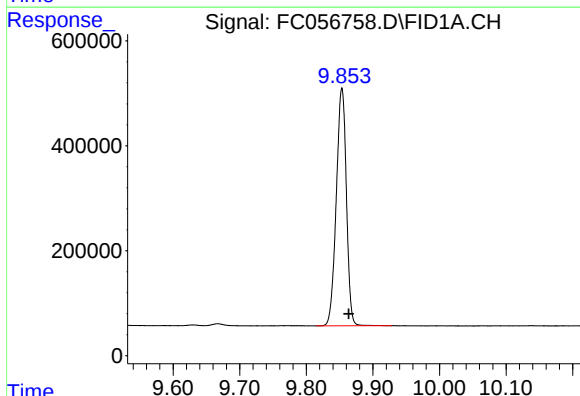
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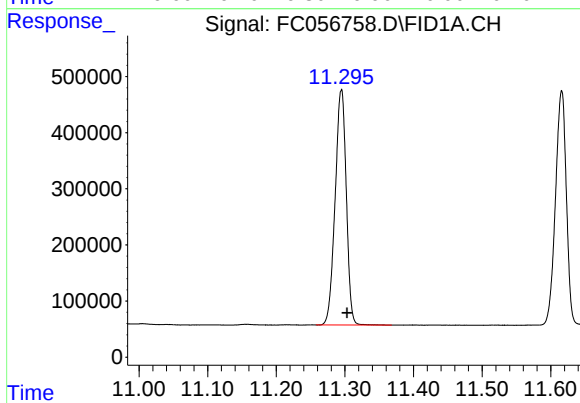
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.008 min
Response: 4842231
Conc: 43.13 ug/ml



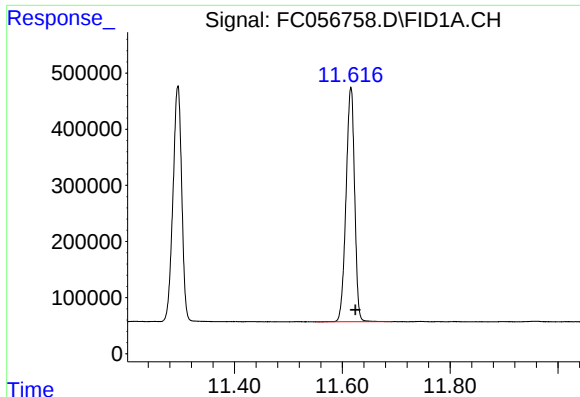
#7 n-Hexadecane (C16)

R.T.: 9.853 min
Delta R.T.: -0.010 min
Response: 4777715
Conc: 42.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.009 min
Response: 4732525
Conc: 40.50 ug/ml



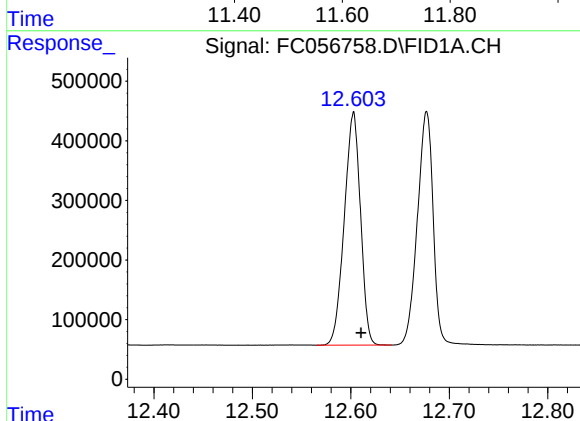
#9 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: -0.009 min
Response: 4613566
Conc: 37.26 ug/ml

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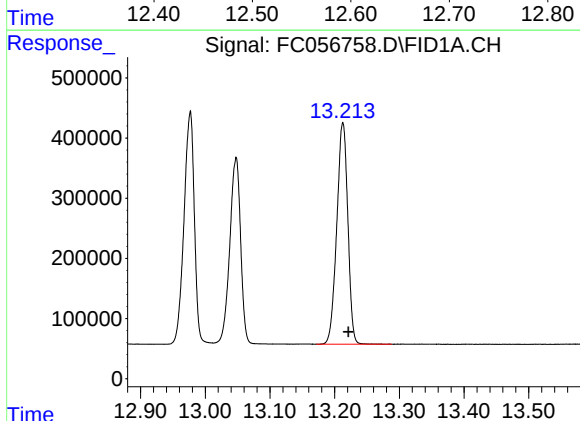
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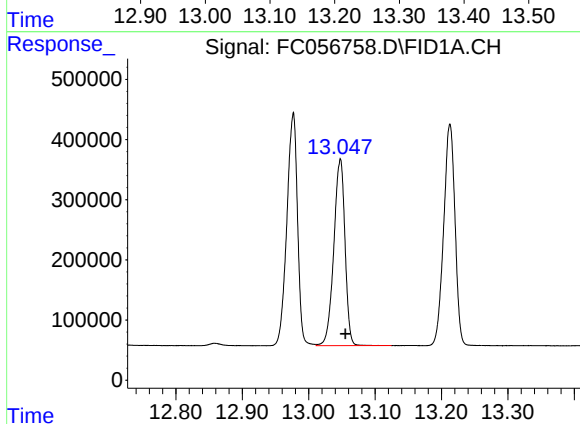
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.008 min
Response: 4468717
Conc: 38.88 ug/ml



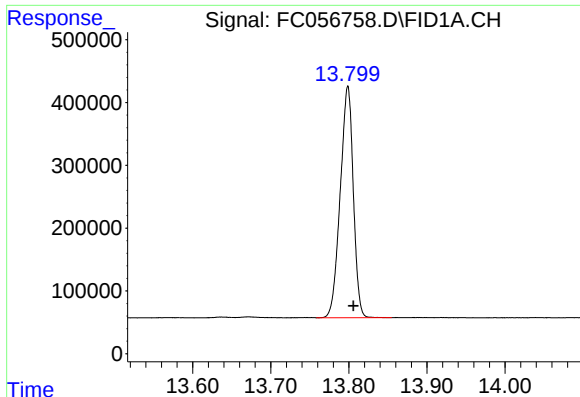
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: -0.009 min
Response: 4367765
Conc: 38.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.008 min
Response: 3634618
Conc: 37.77 ug/ml



#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: -0.007 min
Response: 4285160
Conc: 38.06 ug/ml

Instrument :

FID_C

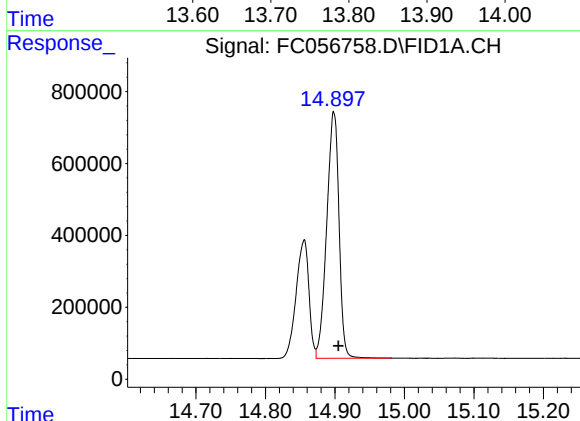
ClientSampleId :

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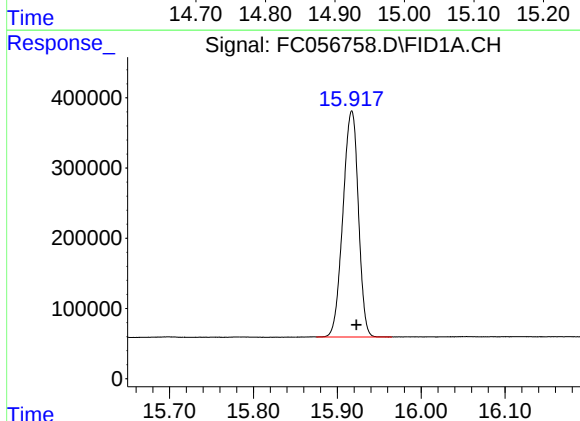
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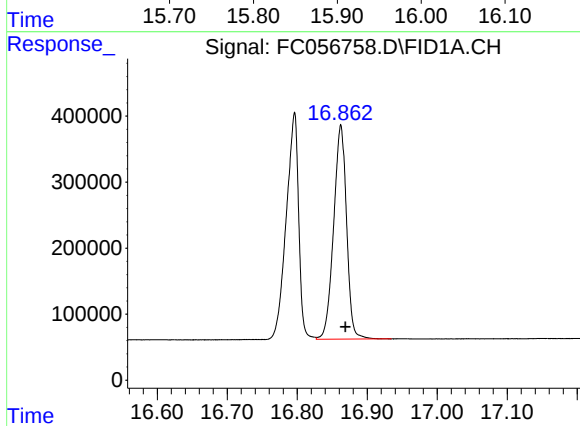
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.007 min
Response: 8427450
Conc: 76.47 ug/ml



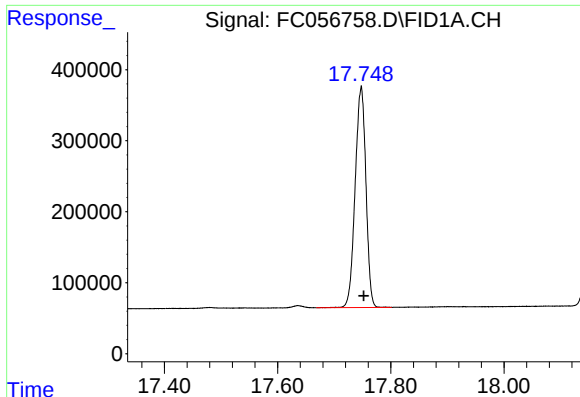
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.006 min
Response: 4115126
Conc: 38.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.862 min
Delta R.T.: -0.007 min
Response: 4169496
Conc: 40.20 ug/ml



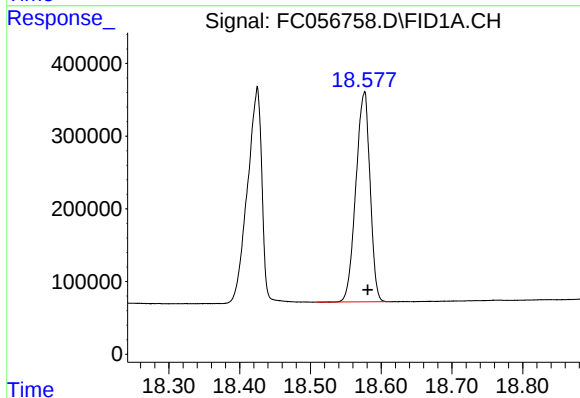
#17 n-Tricontane (C30)

R.T.: 17.747 min
Delta R.T.: -0.005 min
Response: 4094104
Conc: 39.52 ug/ml

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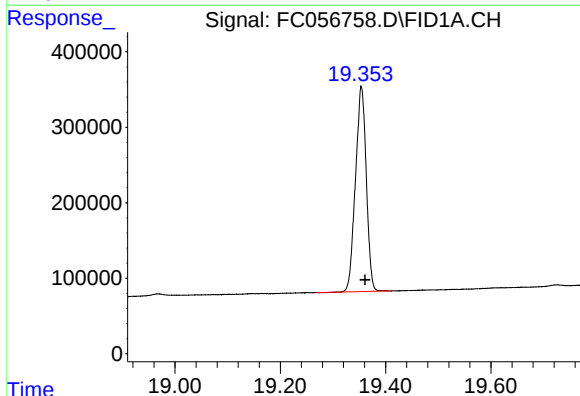
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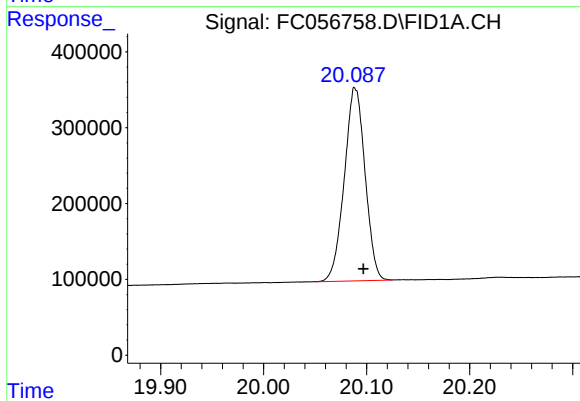
#18 n-Dotriacontane (C32)

R.T.: 18.576 min
Delta R.T.: -0.005 min
Response: 4017128
Conc: 41.93 ug/ml



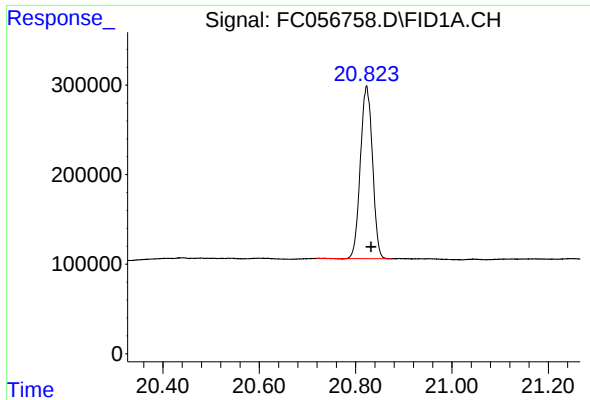
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.007 min
Response: 3868527
Conc: 44.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.009 min
Response: 3565295
Conc: 43.56 ug/ml m



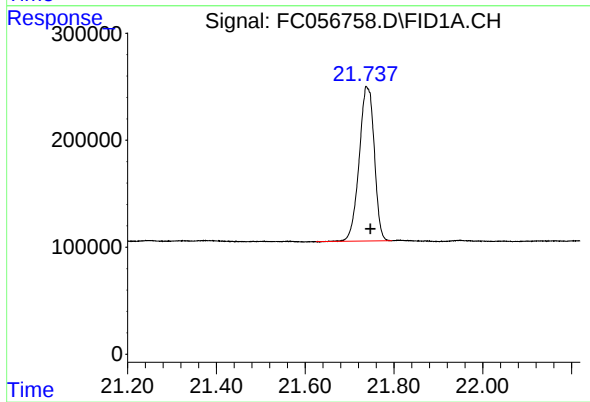
#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.009 min
Response: 3356277
Conc: 41.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.007 min
Response: 3398831
Conc: 41.25 ug/ml