

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057994.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2022 7:20
 Operator : AJ\MA
 Sample : N1165-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-07-011422-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File: autoint1.e
 Quant Time: Jan 19 08:17:24 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			
9) S ortho-Terphenyl (SURR)	10.724	10421152	53.894 ug/mlm
Spiked Amount 50.000		Recovery =	107.79%
12) S 1-chlorooctadecane (S...	12.282f	612938867	4158.704 ug/mlm
Spiked Amount 50.000		Recovery =	8317.41%
Target Compounds			
1) T n-Nonane (C9)	2.634	4149604	25.949 ug/ml
2) T n-Decane (C10)	3.628	6160067	38.325 ug/ml
3) T A~Naphthalene (C11.7)	5.171	8824819	48.600 ug/ml
4) T n-Dodecane (C12)	5.608	17235274	106.867 ug/ml
5) T A~2-methylnaphthalene...	6.217	12162391	66.509 ug/mlm
6) T n-Tetradecane (C14)	7.399	22111324	133.932 ug/mlm
7) T n-Hexadecane (C16)	8.990	24689499	147.805 ug/mlm
8) T n-Octadecane (C18)	10.424	19965172	116.017 ug/mlm
10) T n-Eicosane (C20)	11.729	15989802	93.401 ug/ml
11) T n-Heneicosane (C21)	12.338	384812246	2225.336 ug/ml
13) T n-Docosane (C22)	12.933	12548582	72.533 ug/mlm
14) T n-Tetracosane (C24)	14.002	7292572	42.127 ug/mlm
15) T n-Hexacosane (C26)	15.040	8056815	47.875 ug/mlm
16) T n-Octacosane (C28)	15.988	8680988	53.048 ug/mlm
17) T n-Tricontane (C30)	16.876	8280323	53.037 ug/mlm
18) T n-Dotriacontane (C32)	17.709	8461160	60.686 ug/ml
19) T n-Tetratriacontane (C34)	18.498	9528417	76.664 ug/mlm
20) T n-Hexatriacontane (C36)	19.239	5906787	53.128 ug/mlm
21) T n-Octatriacontane (C38)	19.954	6298916	60.384 ug/ml
22) T n-Tetracontane (C40)	20.804	4146034	43.300 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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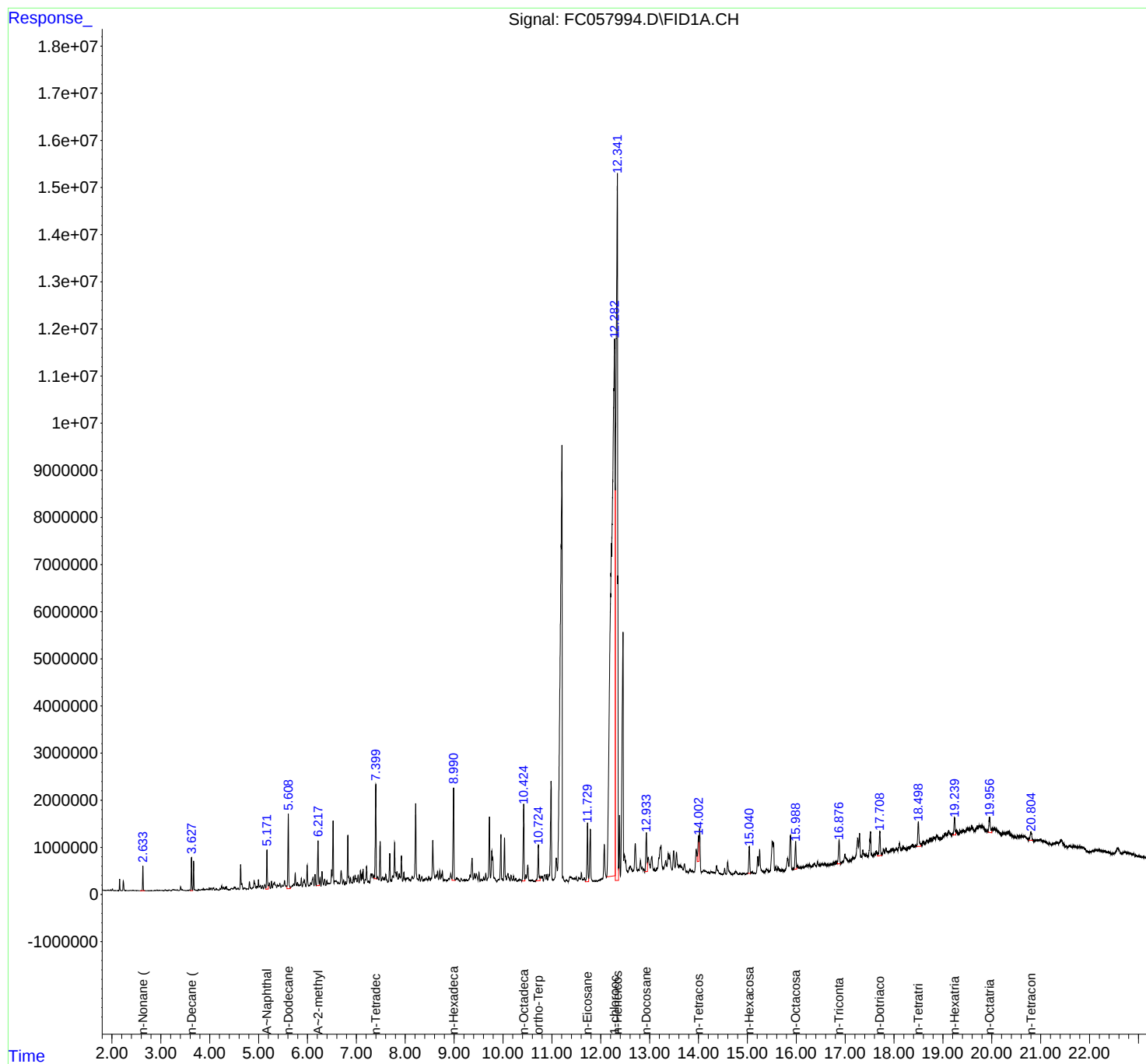
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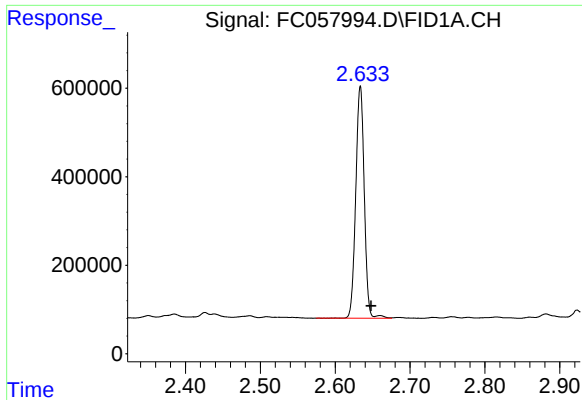
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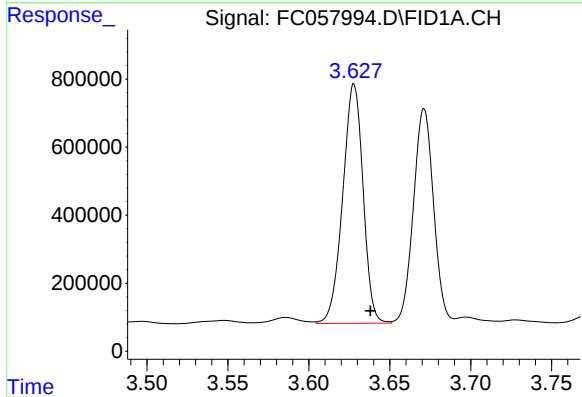
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 4149604
Conc: 25.95 ug/ml

Instrument :
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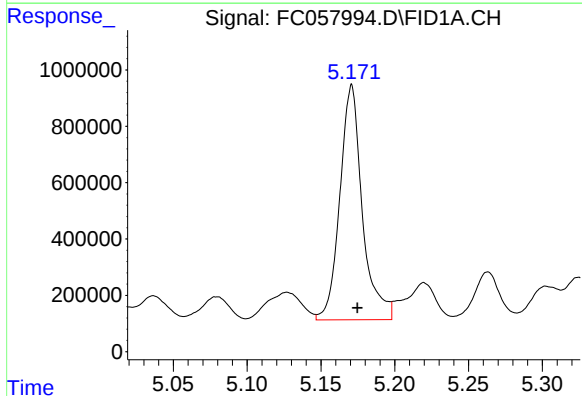
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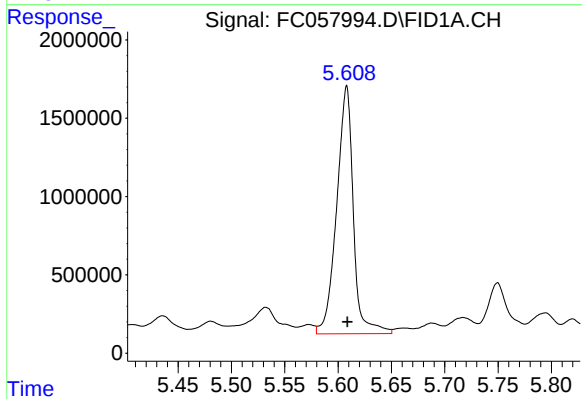
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.010 min
Response: 6160067
Conc: 38.33 ug/ml



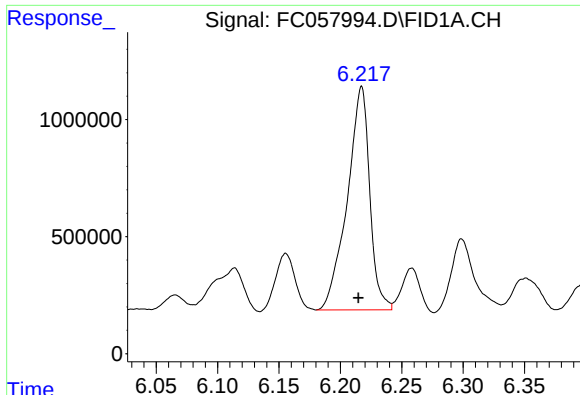
#3 A~Naphthalene (C11.7)

R.T.: 5.171 min
Delta R.T.: -0.004 min
Response: 8824819
Conc: 48.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.608 min
Delta R.T.: -0.001 min
Response: 17235274
Conc: 106.87 ug/ml



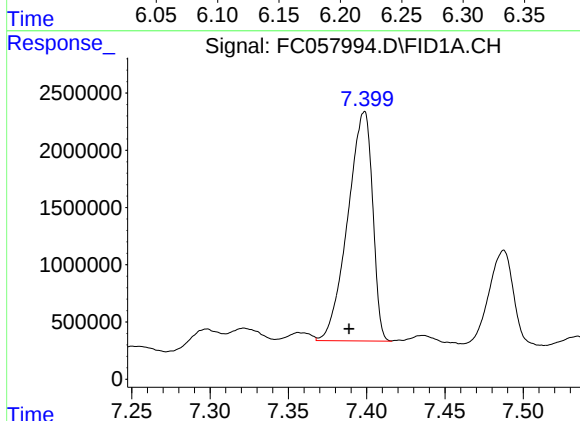
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.217 min
Delta R.T.: 0.002 min
Response: 12162391
Conc: 66.51 ug/ml

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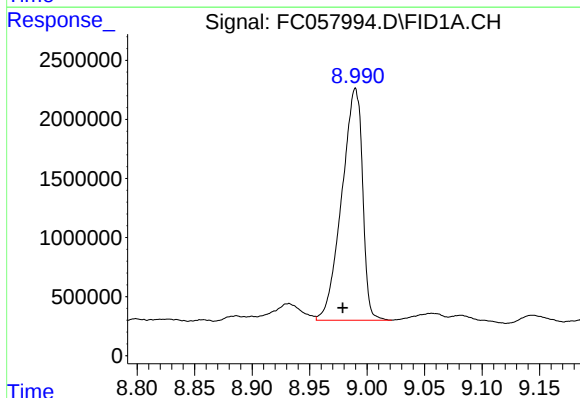
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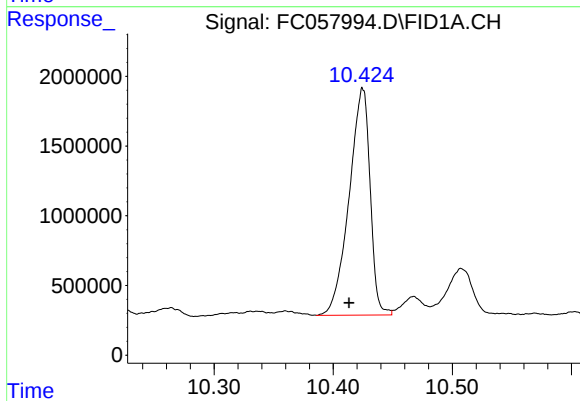
#6 n-Tetradecane (C14)

R.T.: 7.399 min
Delta R.T.: 0.010 min
Response: 22111324
Conc: 133.93 ug/ml m



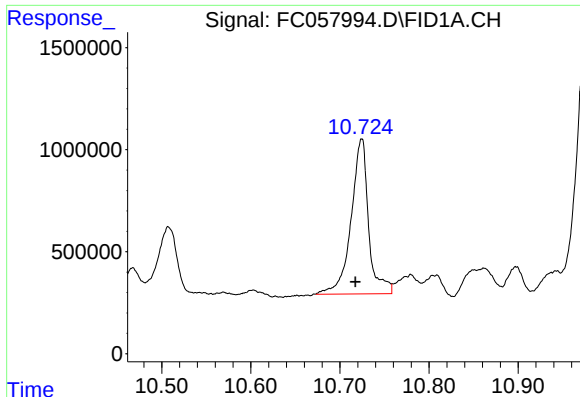
#7 n-Hexadecane (C16)

R.T.: 8.990 min
Delta R.T.: 0.011 min
Response: 24689499
Conc: 147.81 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.424 min
Delta R.T.: 0.011 min
Response: 19965172
Conc: 116.02 ug/ml m



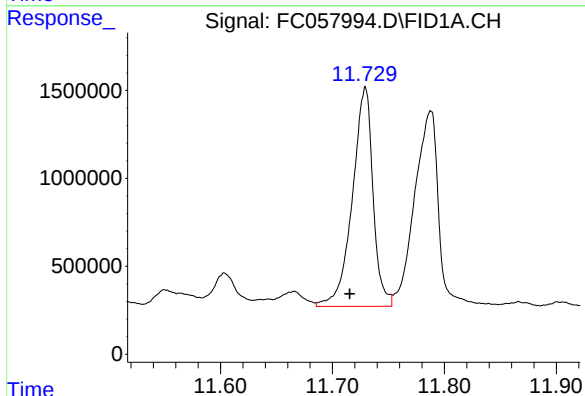
#9 ortho-Terphenyl (SURR)

R.T.: 10.724 min
Delta R.T.: 0.006 min
Response: 10421152
Conc: 53.89 ug/ml

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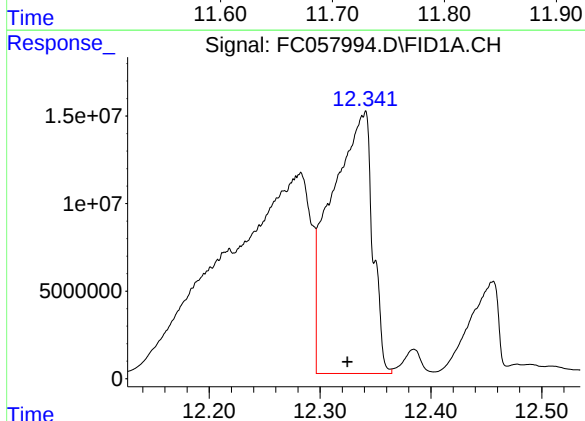
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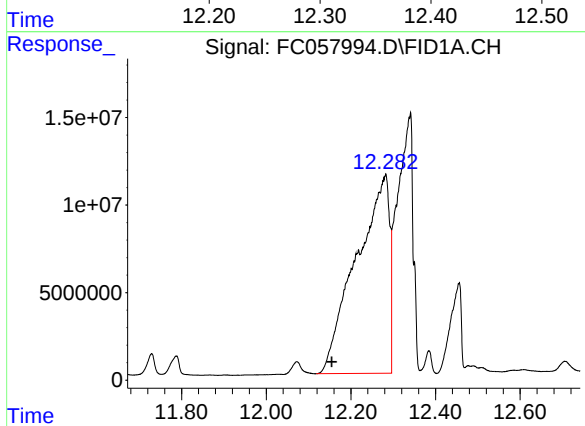
#10 n-Eicosane (C20)

R.T.: 11.729 min
Delta R.T.: 0.013 min
Response: 15989802
Conc: 93.40 ug/ml



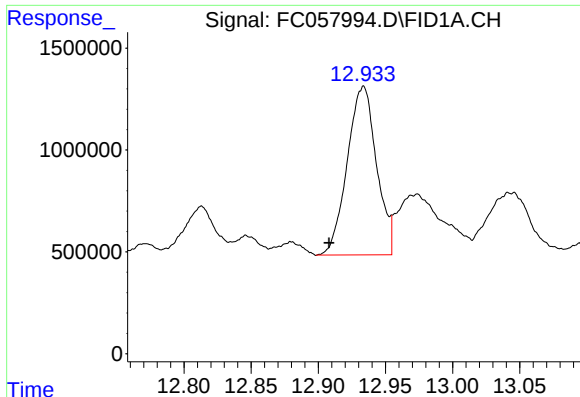
#11 n-Heneicosane (C21)

R.T.: 12.338 min
Delta R.T.: 0.013 min
Response: 384812246
Conc: 2225.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.282 min
Delta R.T.: 0.128 min
Response: 612938867
Conc: 4158.70 ug/ml m



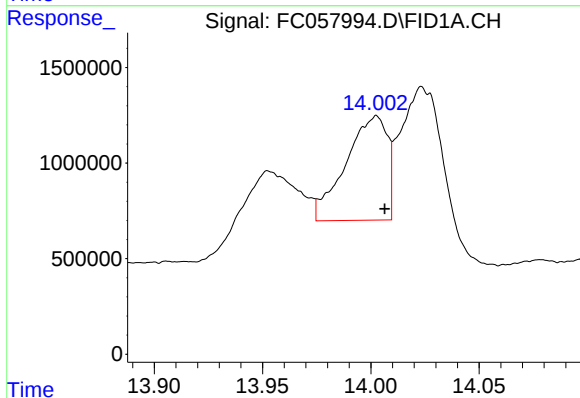
#13 n-Docosane (C22)

R.T.: 12.933 min
Delta R.T.: 0.025 min
Response: 12548582
Conc: 72.53 ug/ml

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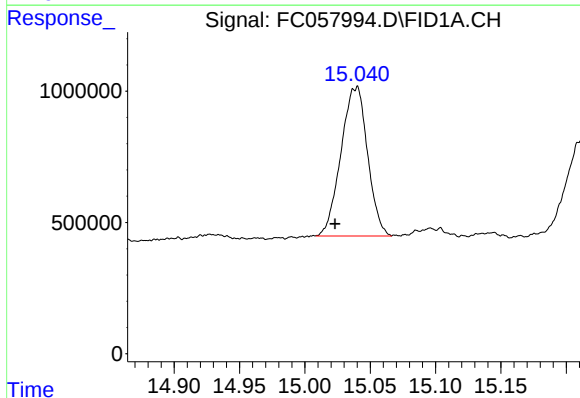
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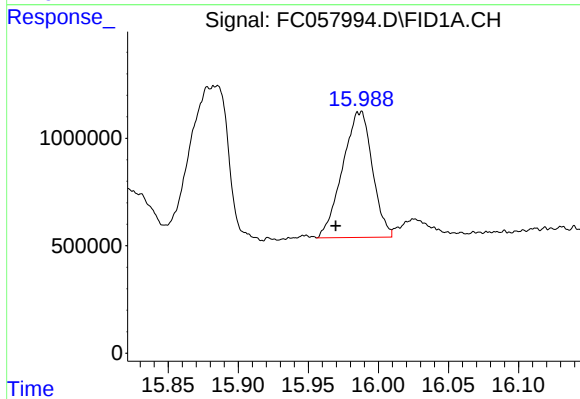
#14 n-Tetracosane (C24)

R.T.: 14.002 min
Delta R.T.: -0.004 min
Response: 7292572
Conc: 42.13 ug/ml m



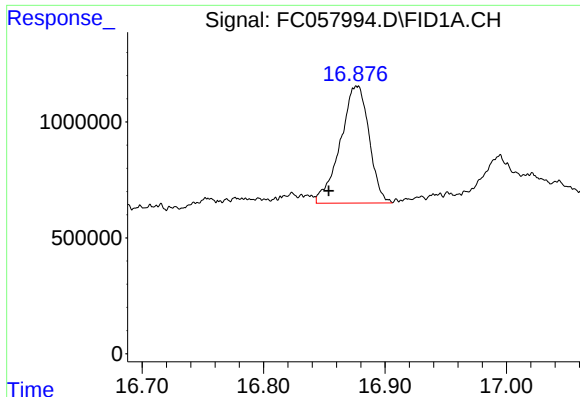
#15 n-Hexacosane (C26)

R.T.: 15.040 min
Delta R.T.: 0.017 min
Response: 8056815
Conc: 47.87 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.988 min
Delta R.T.: 0.018 min
Response: 8680988
Conc: 53.05 ug/ml m



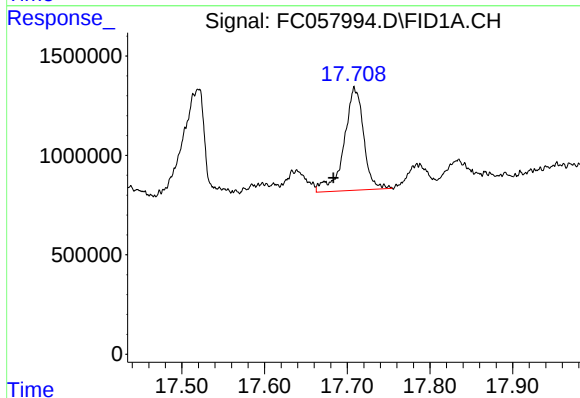
#17 n-Tricontane (C30)

R.T.: 16.876 min
Delta R.T.: 0.022 min
Response: 8280323
Conc: 53.04 ug/ml

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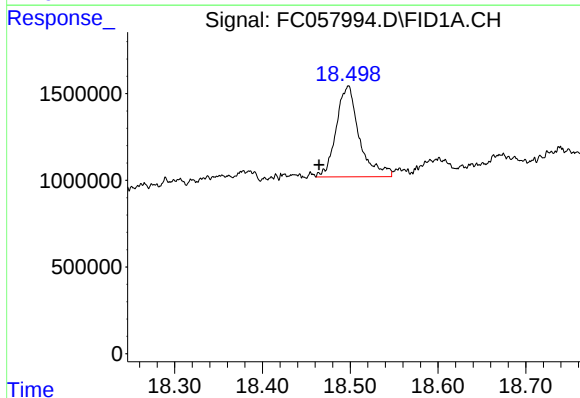
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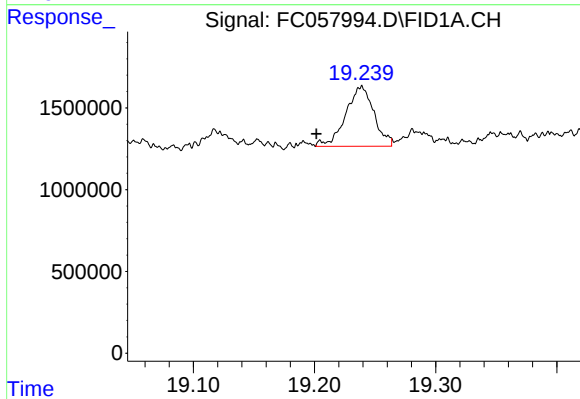
#18 n-Dotriacontane (C32)

R.T.: 17.709 min
Delta R.T.: 0.026 min
Response: 8461160
Conc: 60.69 ug/ml



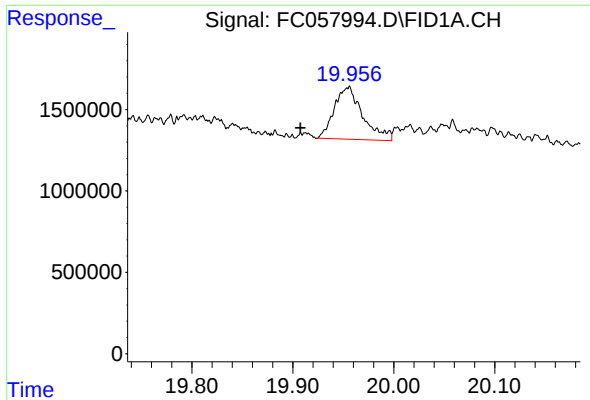
#19 n-Tetratriacontane (C34)

R.T.: 18.498 min
Delta R.T.: 0.034 min
Response: 9528417
Conc: 76.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.239 min
Delta R.T.: 0.037 min
Response: 5906787
Conc: 53.13 ug/ml m



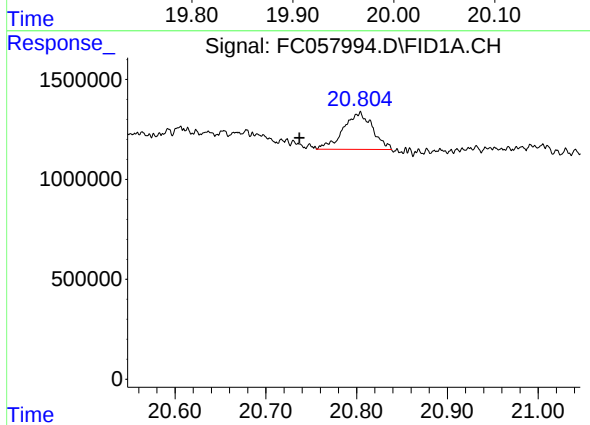
#21 n-Octatriacontane (C38)

R.T.: 19.954 min
Delta R.T.: 0.047 min
Response: 6298916
Conc: 60.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.804 min
Delta R.T.: 0.067 min
Response: 4146034
Conc: 43.30 ug/ml m