

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057993.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2022 6:47
 Operator : AJ\MA
 Sample : N1165-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

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 08:17:00 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)	10.721	11755846	60.796 ug/mlm
Spiked Amount 50.000		Recovery =	121.59%
12) S 1-chlorooctadecane (S...	12.287f	655372129	4446.607 ug/mlm
Spiked Amount 50.000		Recovery =	8893.21%
Target Compounds			
1) T n-Nonane (C9)	2.631	4505249	28.173 ug/ml
2) T n-Decane (C10)	3.626	6670082	41.499 ug/ml
3) T A~Naphthalene (C11.7)	5.168	9646134	53.123 ug/ml
4) T n-Dodecane (C12)	5.606	19321450	119.802 ug/ml
5) T A~2-methylnaphthalene...	6.214	13289988	72.676 ug/mlm
6) T n-Tetradecane (C14)	7.397	24191115	146.530 ug/mlm
7) T n-Hexadecane (C16)	8.988	27030059	161.817 ug/mlm
8) T n-Octadecane (C18)	10.422	23789596	138.241 ug/ml
10) T n-Eicosane (C20)	11.727	17411457	101.706 ug/ml
11) T n-Heneicosane (C21)	12.343	420147981	2429.679 ug/ml
13) T n-Docosane (C22)	12.931	14158163	81.837 ug/mlm
14) T n-Tetracosane (C24)	14.000	8717507	50.358 ug/mlm
15) T n-Hexacosane (C26)	15.036	8959357	53.238 ug/mlm
16) T n-Octacosane (C28)	15.985	9605769	58.699 ug/mlm
17) T n-Tricontane (C30)	16.874	9311110	59.639 ug/ml
18) T n-Dotriacontane (C32)	17.707	8400171	60.249 ug/ml
19) T n-Tetratriacontane (C34)	18.491	9540966	76.765 ug/mlm
20) T n-Hexatriacontane (C36)	19.238	6705747	60.315 ug/mlm
21) T n-Octatriacontane (C38)	19.951	5946052	57.001 ug/mlm
22) T n-Tetracontane (C40)	20.803	5868643	61.290 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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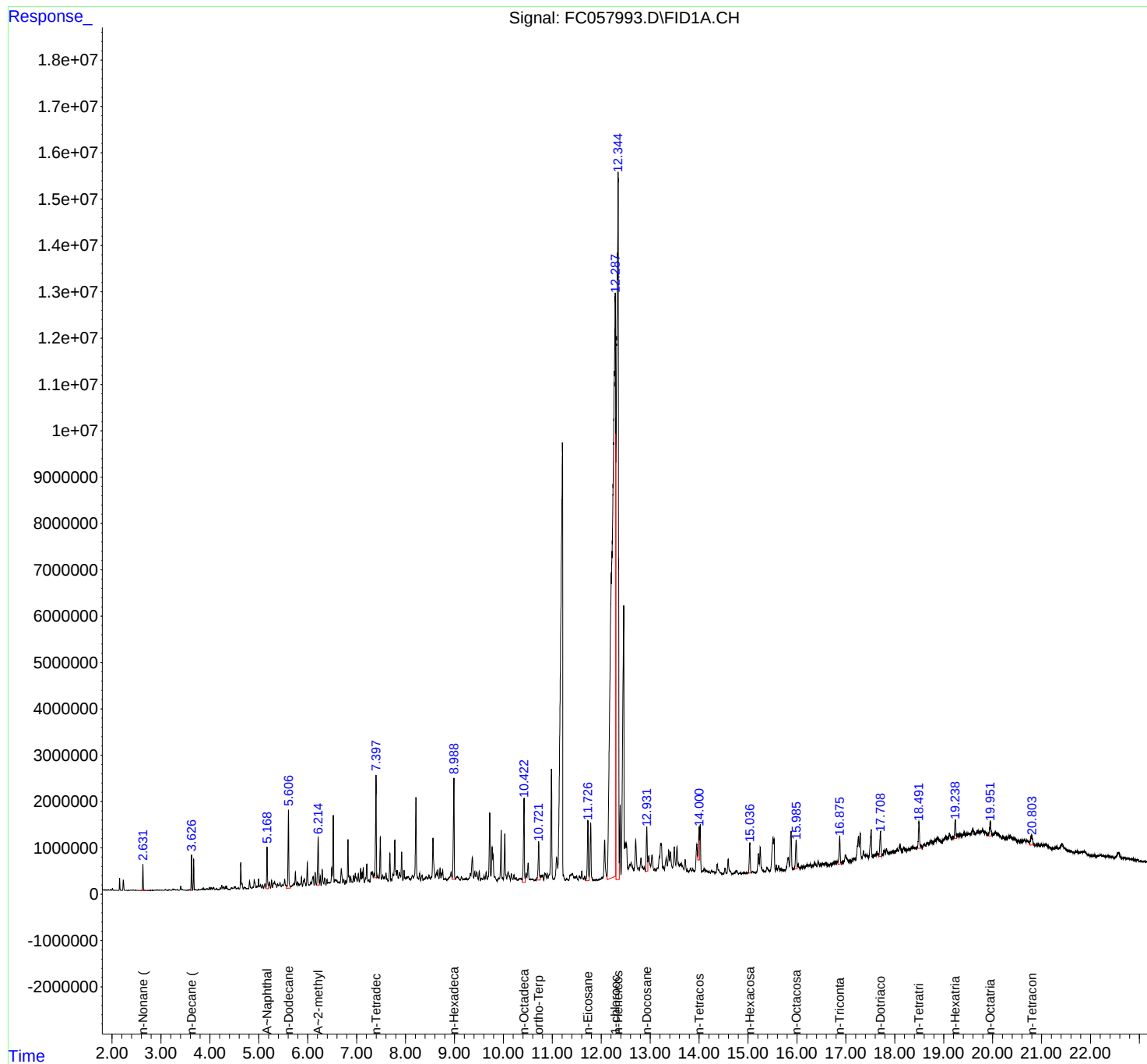
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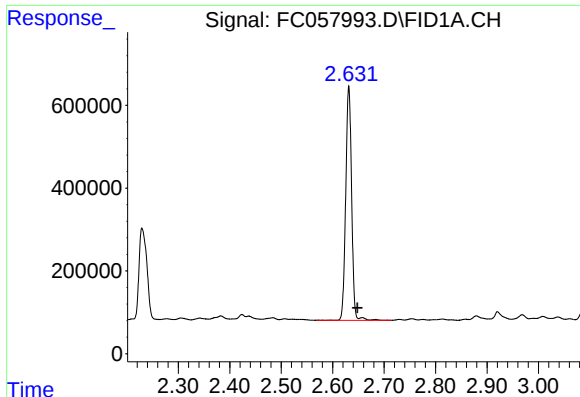
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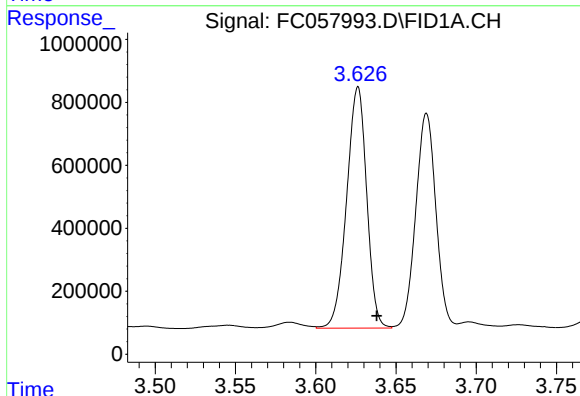
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.017 min
Response: 4505249
Conc: 28.17 ug/ml

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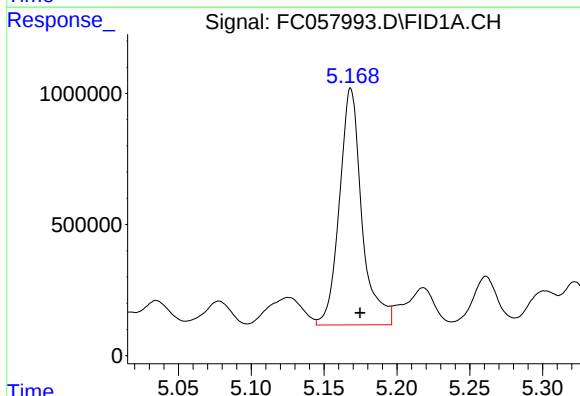
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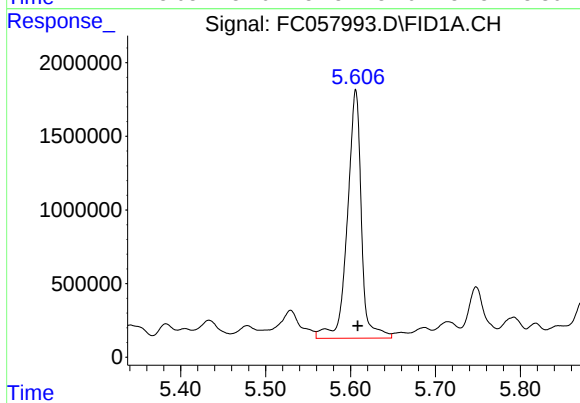
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.012 min
Response: 6670082
Conc: 41.50 ug/ml



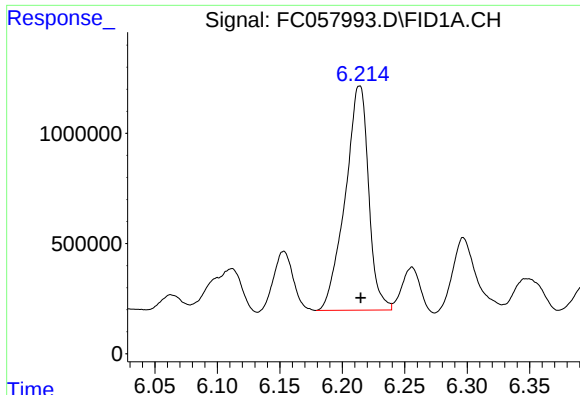
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.006 min
Response: 9646134
Conc: 53.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 19321450
Conc: 119.80 ug/ml



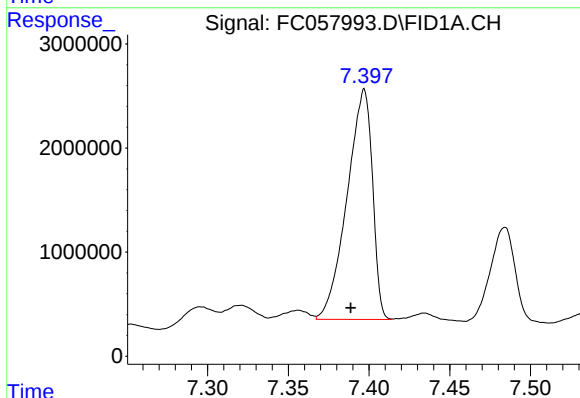
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 13289988
Conc: 72.68 ug/ml

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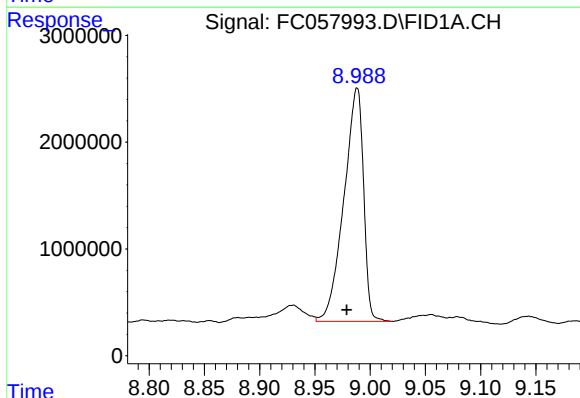
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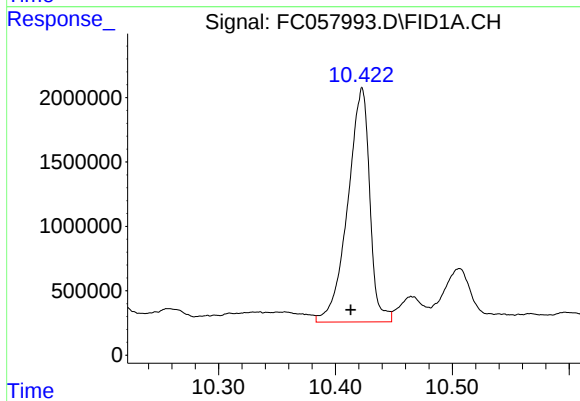
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: 0.008 min
Response: 24191115
Conc: 146.53 ug/ml m



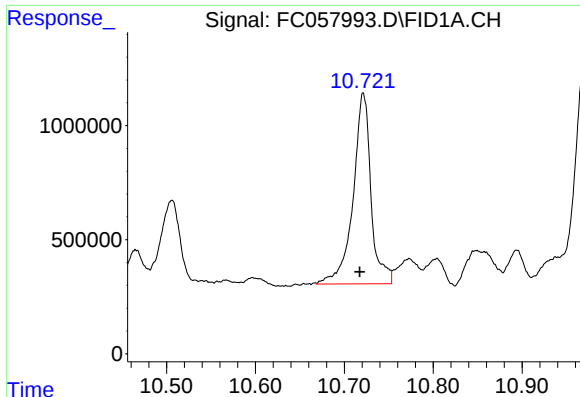
#7 n-Hexadecane (C16)

R.T.: 8.988 min
Delta R.T.: 0.009 min
Response: 27030059
Conc: 161.82 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.422 min
Delta R.T.: 0.009 min
Response: 23789596
Conc: 138.24 ug/ml



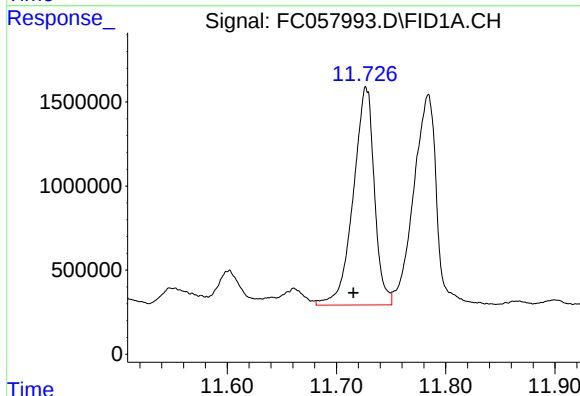
#9 ortho-Terphenyl (SURR)

R.T.: 10.721 min
Delta R.T.: 0.004 min
Response: 11755846
Conc: 60.80 ug/ml

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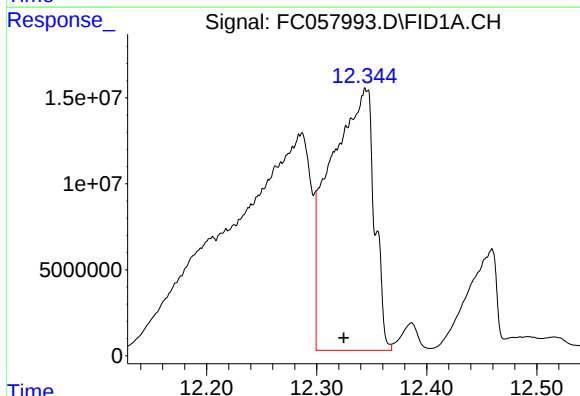
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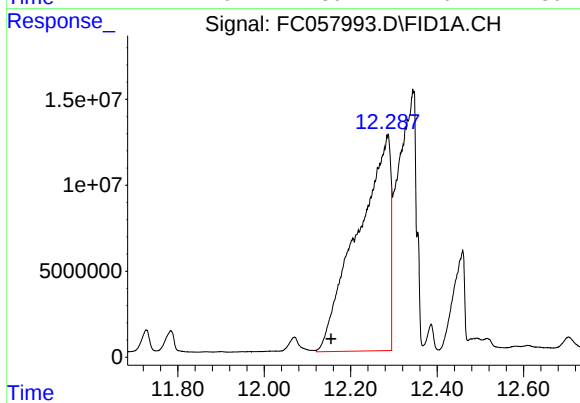
#10 n-Eicosane (C20)

R.T.: 11.727 min
Delta R.T.: 0.011 min
Response: 17411457
Conc: 101.71 ug/ml



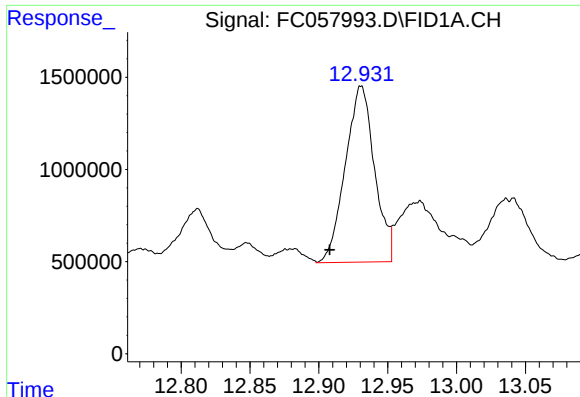
#11 n-Heneicosane (C21)

R.T.: 12.343 min
Delta R.T.: 0.019 min
Response: 420147981
Conc: 2429.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.287 min
Delta R.T.: 0.132 min
Response: 655372129
Conc: 4446.61 ug/ml m



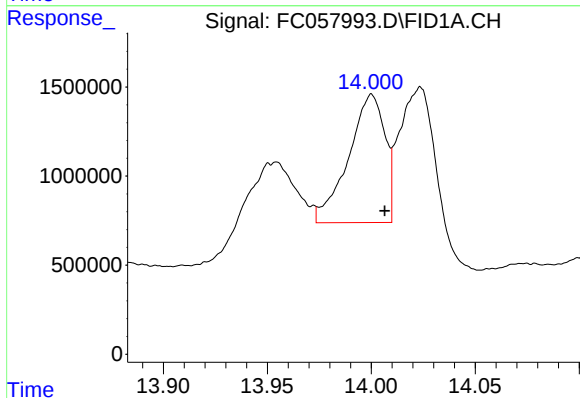
#13 n-Docosane (C22)

R.T.: 12.931 min
Delta R.T.: 0.023 min
Response: 14158163
Conc: 81.84 ug/ml

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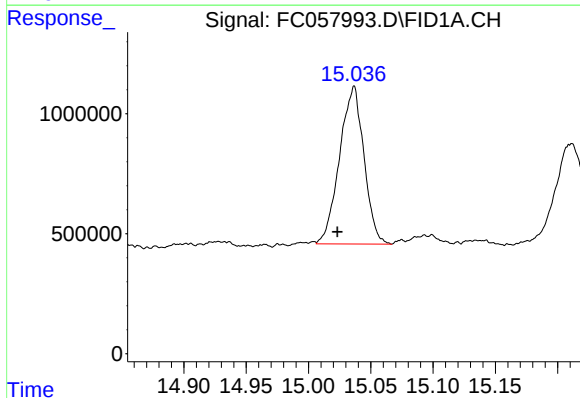
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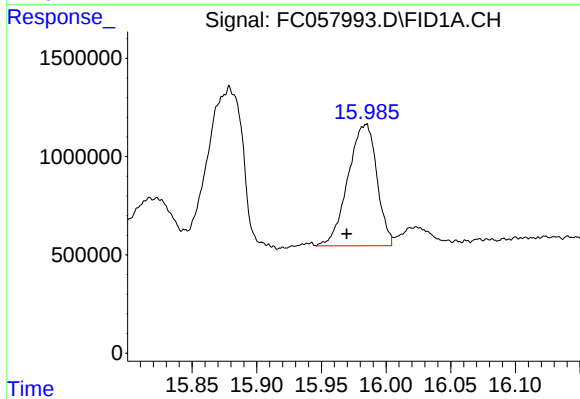
#14 n-Tetracosane (C24)

R.T.: 14.000 min
Delta R.T.: -0.007 min
Response: 8717507
Conc: 50.36 ug/ml m



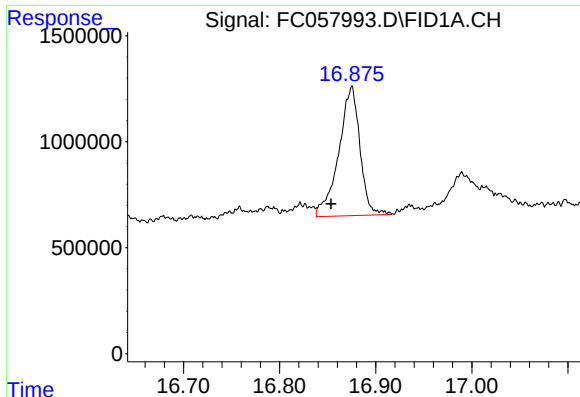
#15 n-Hexacosane (C26)

R.T.: 15.036 min
Delta R.T.: 0.013 min
Response: 8959357
Conc: 53.24 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.985 min
Delta R.T.: 0.016 min
Response: 9605769
Conc: 58.70 ug/ml m



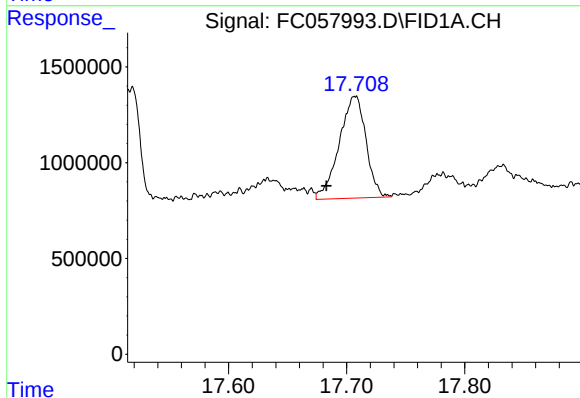
#17 n-Tricontane (C30)

R.T.: 16.874 min
Delta R.T.: 0.021 min
Response: 9311110
Conc: 59.64 ug/ml

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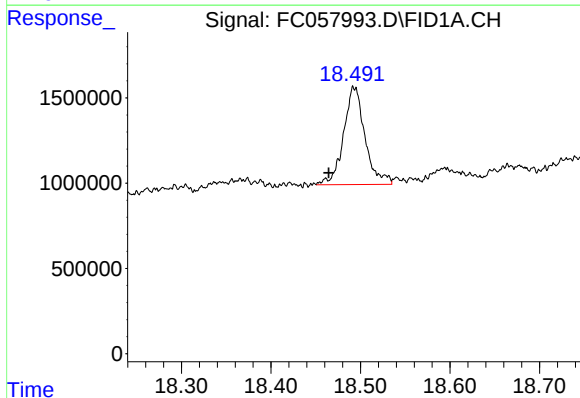
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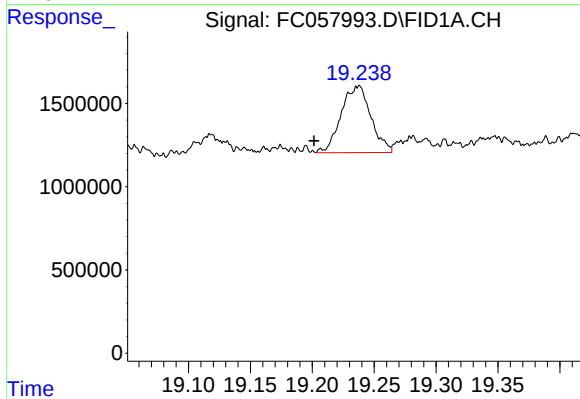
#18 n-Dotriacontane (C32)

R.T.: 17.707 min
Delta R.T.: 0.024 min
Response: 8400171
Conc: 60.25 ug/ml



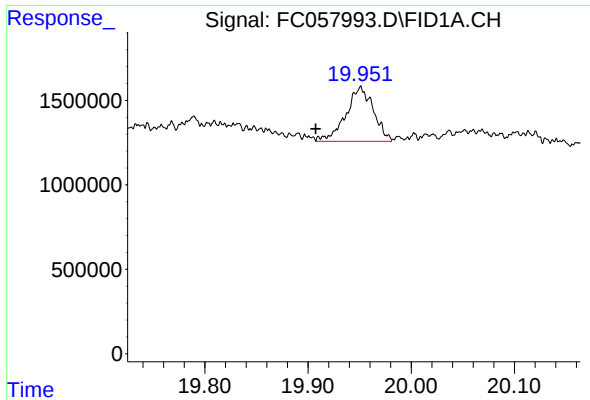
#19 n-Tetratriacontane (C34)

R.T.: 18.491 min
Delta R.T.: 0.027 min
Response: 9540966
Conc: 76.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.238 min
Delta R.T.: 0.036 min
Response: 6705747
Conc: 60.31 ug/ml m



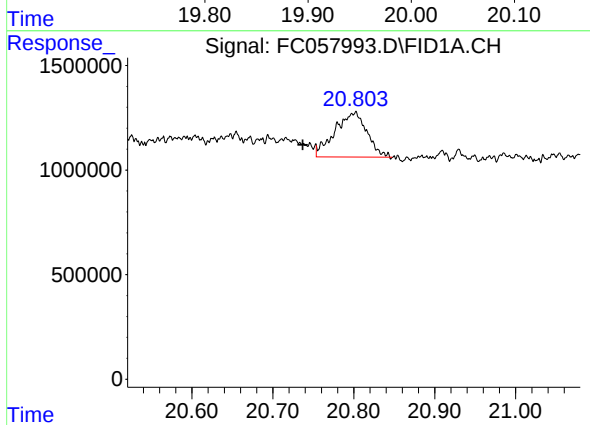
#21 n-Octatriacontane (C38)

R.T.: 19.951 min
Delta R.T.: 0.043 min
Response: 5946052
Conc: 57.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.803 min
Delta R.T.: 0.066 min
Response: 5868643
Conc: 61.29 ug/ml m