

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
 Data File : FC053015.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2021 19:43
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

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 4/9/2021 2:38:56 PM

Integration File: autoint1.e
 Quant Time: Apr 09 01:35:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 01:34:15 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)	11.552	1445032	10.039 ug/ml
Spiked Amount 50.000		Recovery =	20.08%
12) S 1-chlorooctadecane (S...	12.991	1155139	10.010 ug/ml
Spiked Amount 50.000		Recovery =	20.02%
Target Compounds			
1) T n-Nonane (C9)	3.312	1253157	10.008 ug/ml
2) T n-Decane (C10)	4.378	1258469	10.005 ug/ml
3) T A~Naphthalene (C11.7)	5.962	1387546	9.951 ug/ml
4) T n-Dodecane (C12)	6.396	1275614	9.972 ug/ml
5) T A~2-methylnaphthalene...	7.019	1400655	9.882 ug/ml
6) T n-Tetradecane (C14)	8.193	1285960	10.015 ug/ml
7) T n-Hexadecane (C16)	9.794	1272218	9.978 ug/ml
8) T n-Octadecane (C18)	11.236	1351987	10.029 ug/ml
10) T n-Eicosane (C20)	12.546	1375667	10.041 ug/ml
11) T n-Heneicosane (C21)	13.158	1377414	10.037 ug/ml
13) T n-Docosane (C22)	13.744	1380568	10.026 ug/ml
14) T n-Tetracosane (C24)	14.847	1389602	10.071 ug/ml
15) T n-Hexacosane (C26)	15.868	1369647	10.076 ug/ml
16) T n-Octacosane (C28)	16.817	1337077	9.988 ug/ml
17) T n-Tricontane (C30)	17.704	1289971	10.020 ug/ml
18) T n-Dotriacontane (C32)	18.535	1197403	9.981 ug/ml
19) T n-Tetratriacontane (C34)	19.318	1102057	9.891 ug/ml
20) T n-Hexatriacontane (C36)	20.057	996165	9.686 ug/ml
21) T n-Octatriacontane (C38)	20.787	873932	9.716 ug/ml
22) T n-Tetracontane (C40)	21.683	770056	9.701 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

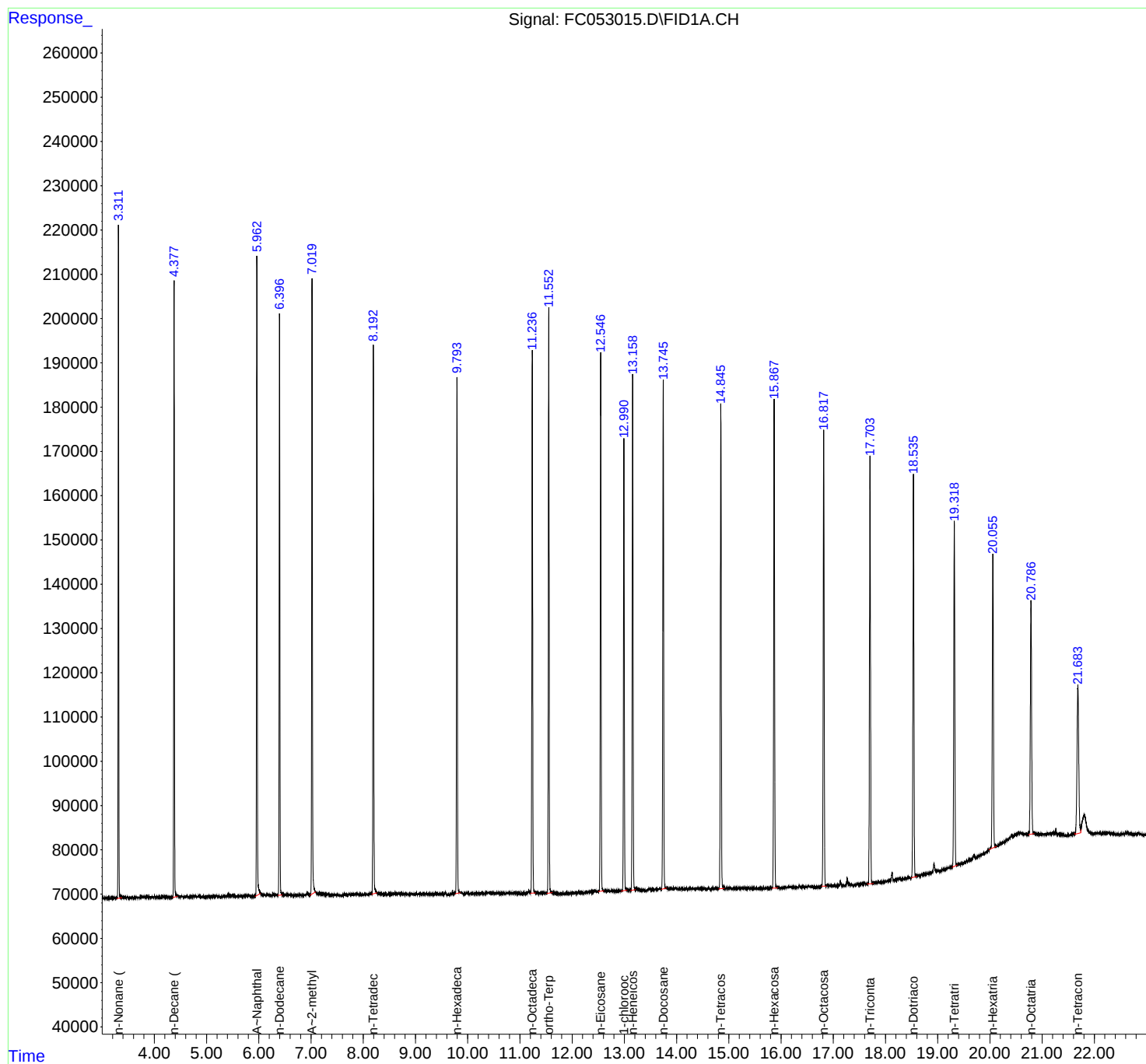
Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

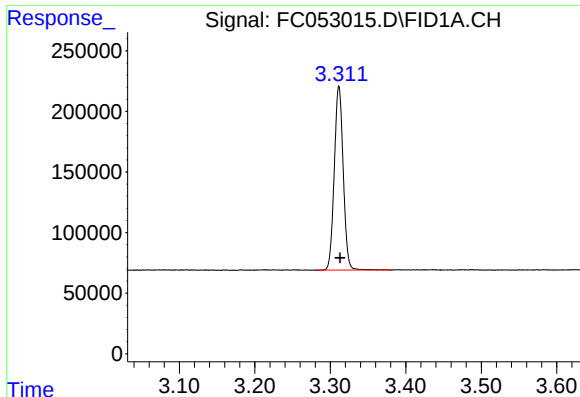
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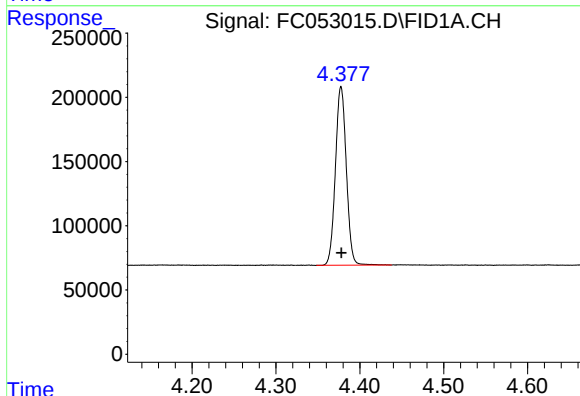
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 1253157
Conc: 10.01 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

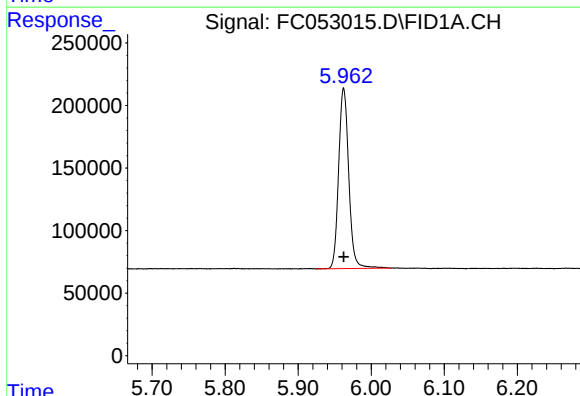
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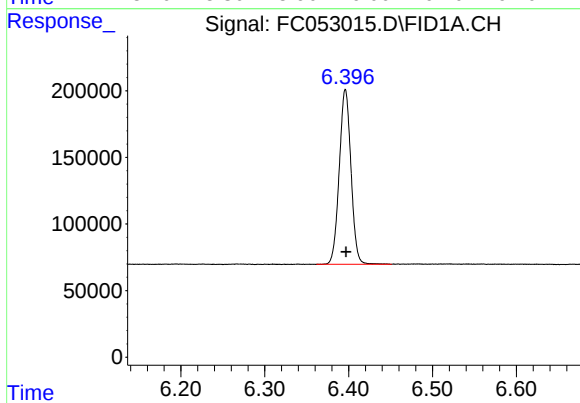
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 1258469
Conc: 10.00 ug/ml



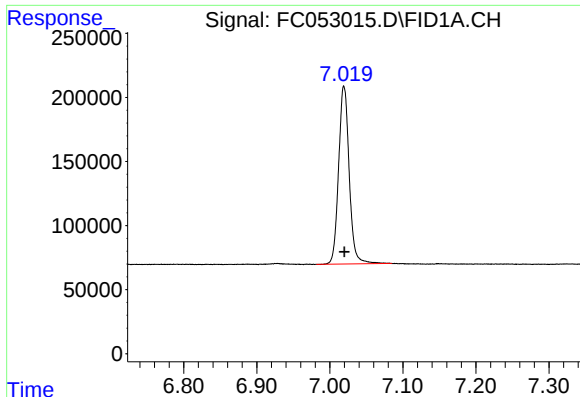
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 1387546
Conc: 9.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 1275614
Conc: 9.97 ug/ml



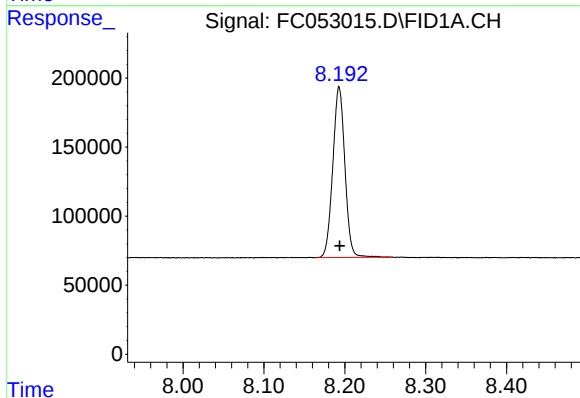
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 1400655
Conc: 9.88 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4

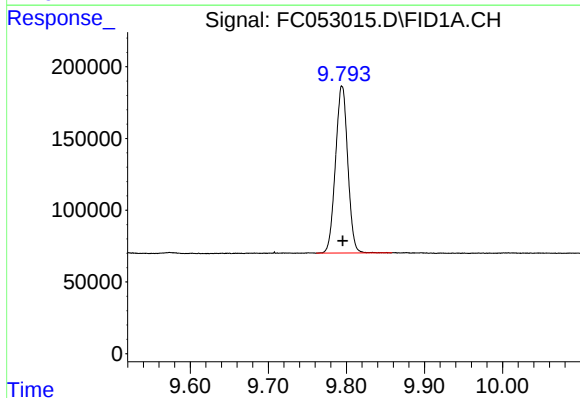
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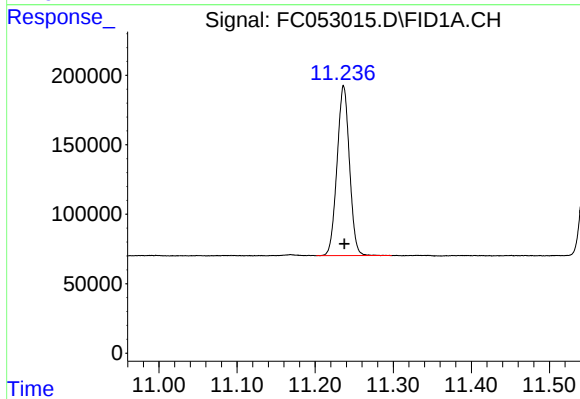
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 1285960
Conc: 10.01 ug/ml



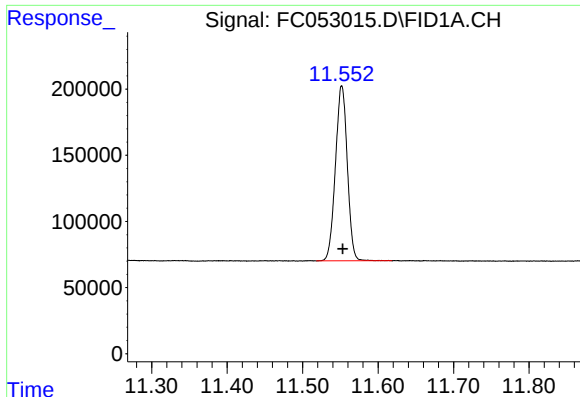
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 1272218
Conc: 9.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.236 min
Delta R.T.: -0.001 min
Response: 1351987
Conc: 10.03 ug/ml



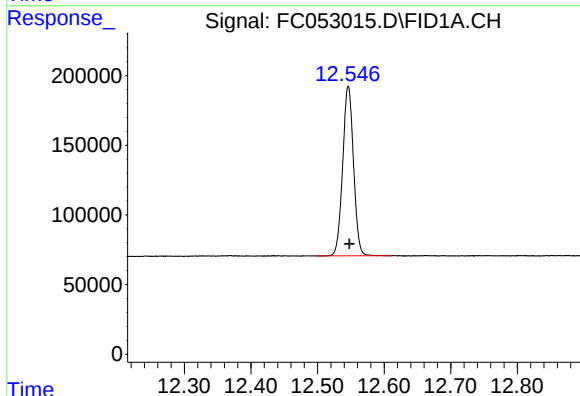
#9 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: -0.001 min
Response: 1445032
Conc: 10.04 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

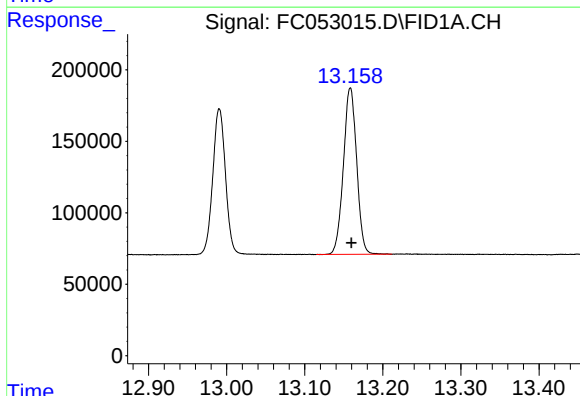
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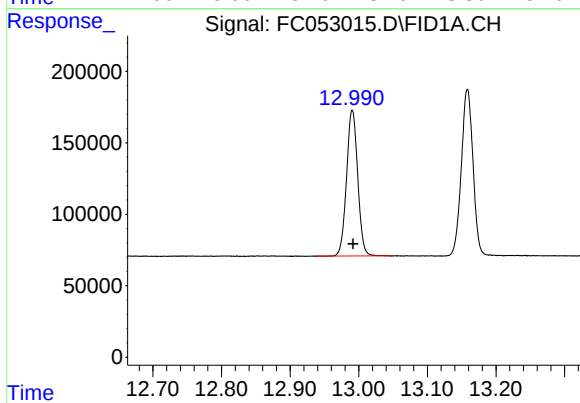
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: -0.001 min
Response: 1375667
Conc: 10.04 ug/ml



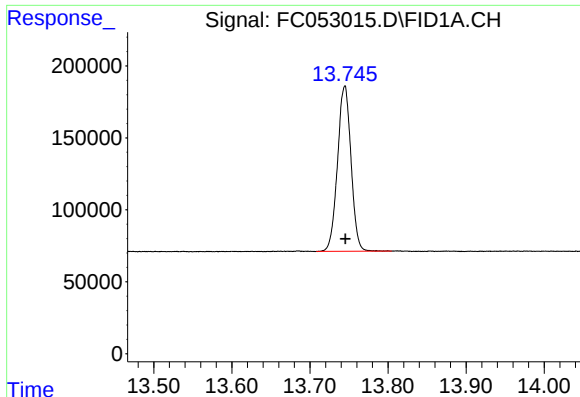
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.001 min
Response: 1377414
Conc: 10.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.001 min
Response: 1155139
Conc: 10.01 ug/ml



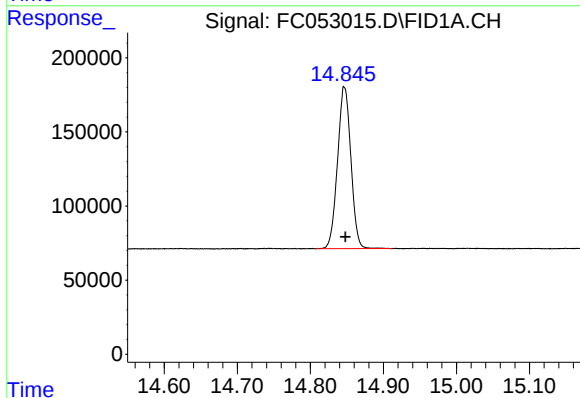
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.001 min
Response: 1380568
Conc: 10.03 ug/ml

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FID_C
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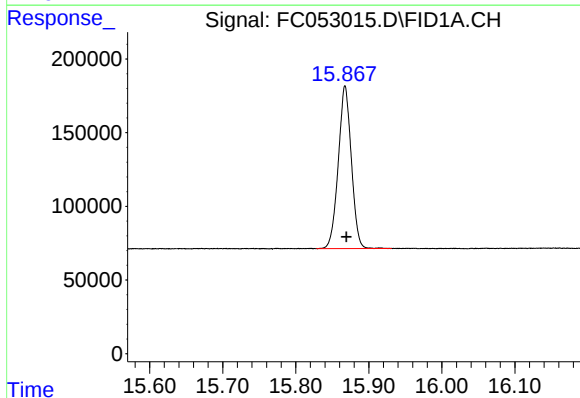
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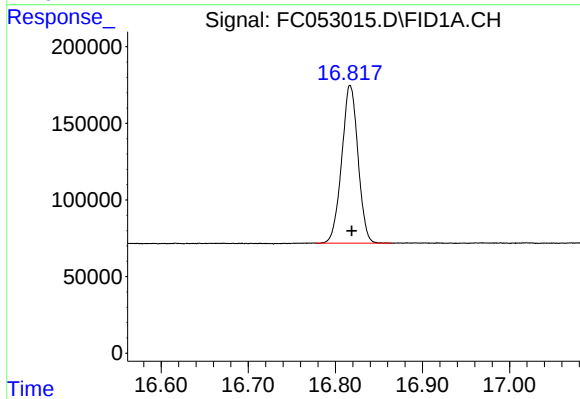
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.001 min
Response: 1389602
Conc: 10.07 ug/ml



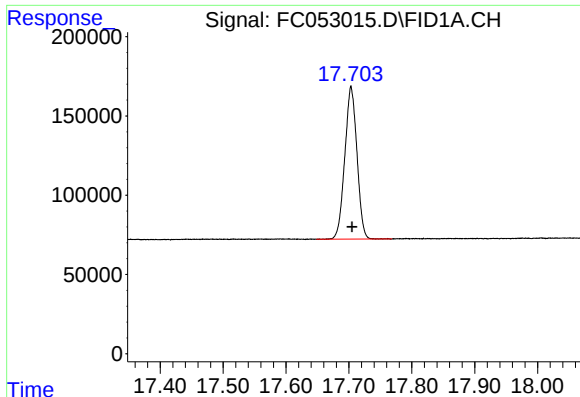
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.002 min
Response: 1369647
Conc: 10.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.817 min
Delta R.T.: -0.002 min
Response: 1337077
Conc: 9.99 ug/ml



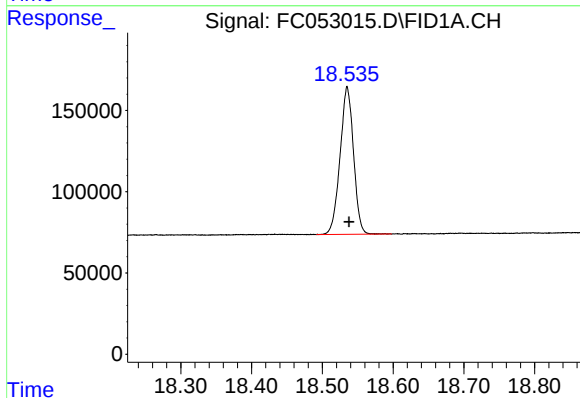
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.001 min
Response: 1289971
Conc: 10.02 ug/ml

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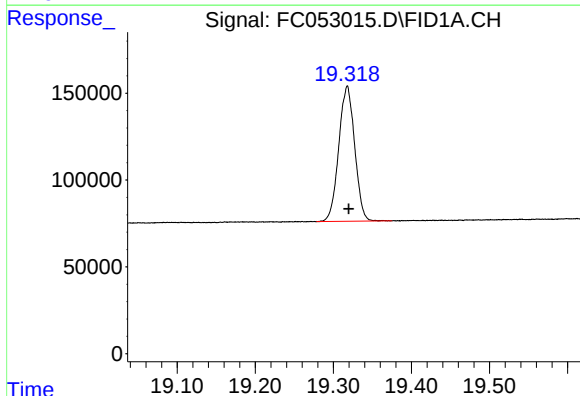
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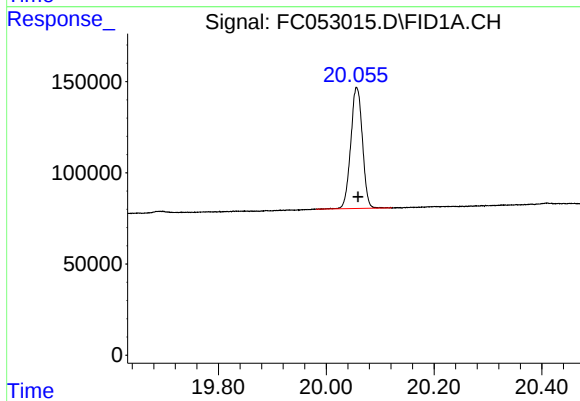
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.003 min
Response: 1197403
Conc: 9.98 ug/ml



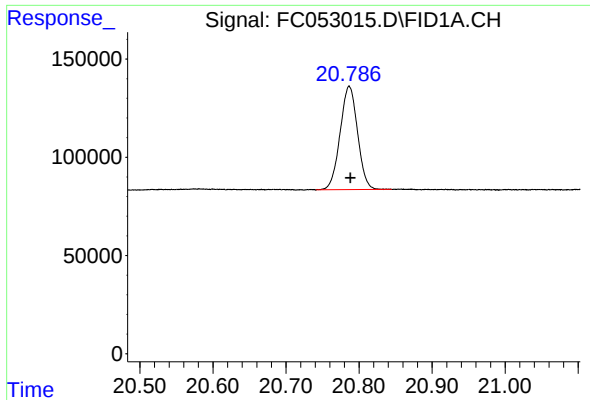
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: -0.002 min
Response: 1102057
Conc: 9.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.057 min
Delta R.T.: -0.003 min
Response: 996165
Conc: 9.69 ug/ml



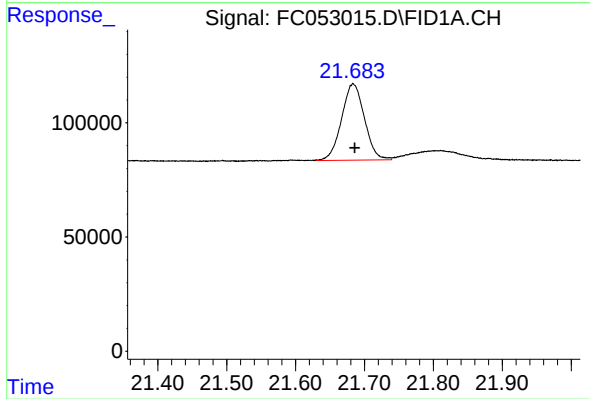
#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.002 min
Response: 873932
Conc: 9.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.003 min
Response: 770056
Conc: 9.70 ug/ml m