

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053622.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 12:27
 Operator : DD\AJ
 Sample : M2262-02
 Misc : LOQ-SOIL- 5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 10 14:33:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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			
12) S 1-chlorooctadecane (S...	12.975	7014206	62.888 ug/ml
Spiked Amount 50.000		Recovery =	125.78%
Target Compounds			
1) T n-Nonane (C9)	3.290	427818	3.622 ug/ml
2) T n-Decane (C10)	4.354	550379	4.648 ug/ml
4) T n-Dodecane (C12)	6.371	815557	6.740 ug/mlm
6) T n-Tetradecane (C14)	8.169	728035	5.976 ug/ml
7) T n-Hexadecane (C16)	9.771	837291	6.836 ug/ml
8) T n-Octadecane (C18)	11.214	1088711	8.360 ug/ml
10) T n-Eicosane (C20)	12.525	1151026	8.696 ug/ml
11) T n-Heneicosane (C21)	13.138	1154620	8.694 ug/ml
13) T n-Docosane (C22)	13.725	1155904	8.690 ug/ml
14) T n-Tetracosane (C24)	14.829	1114617	8.350 ug/ml
15) T n-Hexacosane (C26)	15.851	1096017	8.290 ug/ml
16) T n-Octacosane (C28)	16.801	1055906	8.066 ug/ml
17) T n-Tricontane (C30)	17.690	1014878	7.781 ug/ml
18) T n-Dotriacontane (C32)	18.523	972632	7.708 ug/ml
19) T n-Tetratriacontane (C34)	19.309	945412	7.759 ug/mlm
20) T n-Hexatriacontane (C36)	20.050	901095	7.707 ug/ml
21) T n-Octatriacontane (C38)	20.779	897407	8.723 ug/ml
22) T n-Tetracontane (C40)	21.672	905617	9.088 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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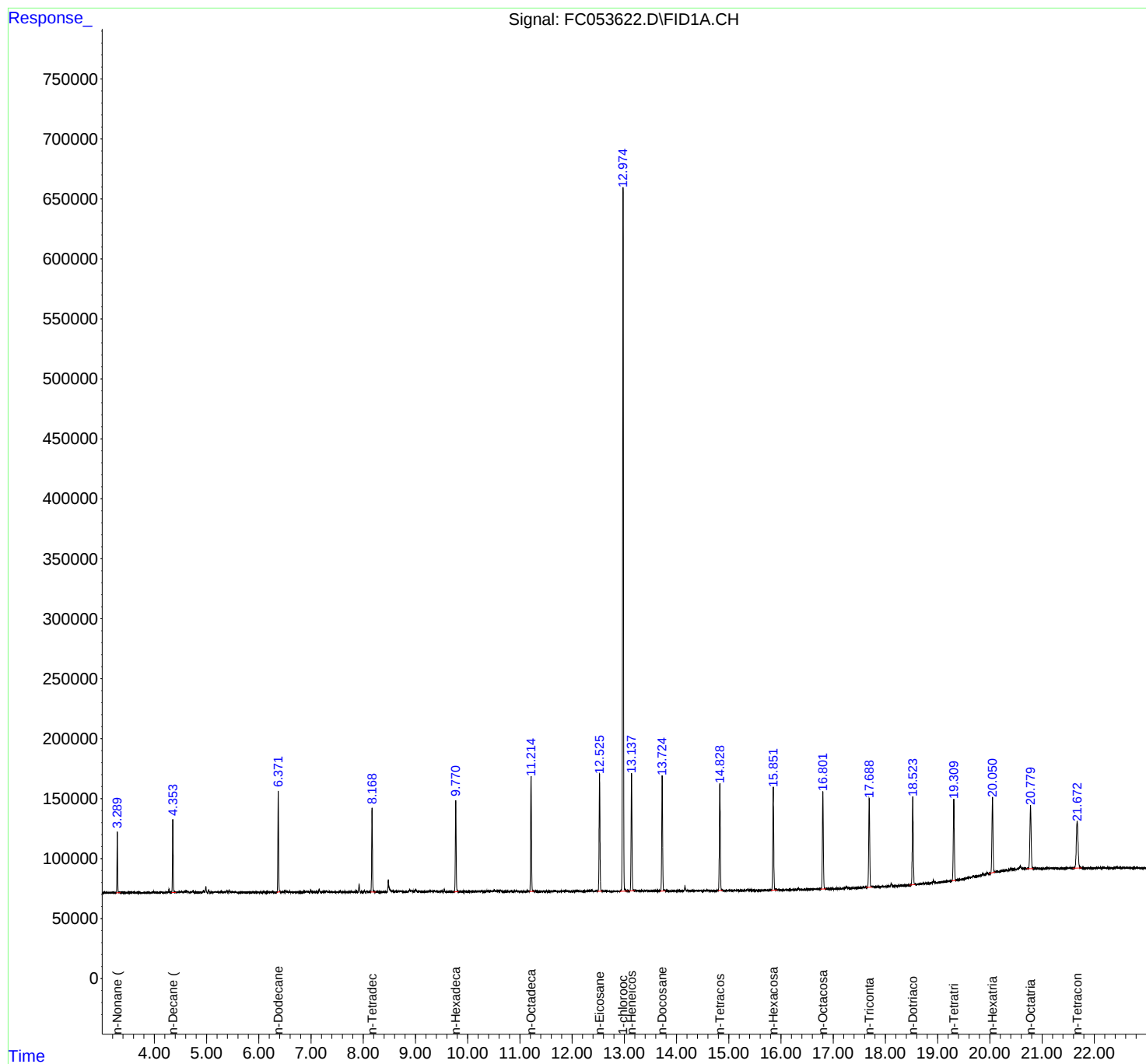
Instrument :
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LOQ-SOIL-02-QT2-2021

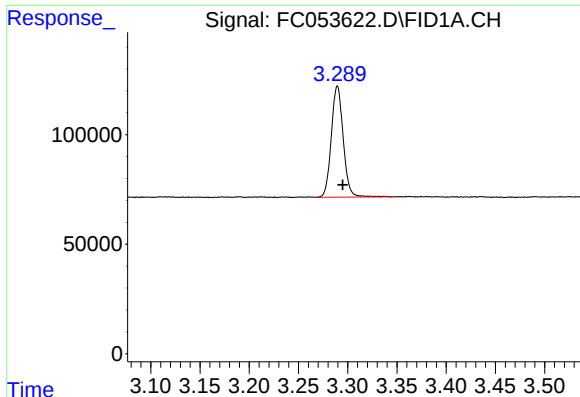
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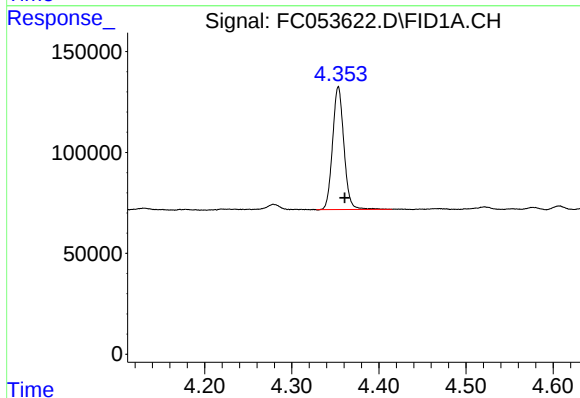
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 427818
Conc: 3.62 ug/ml

Instrument :
FID_C
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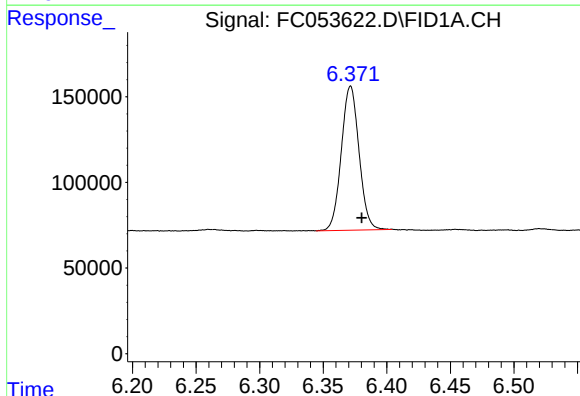
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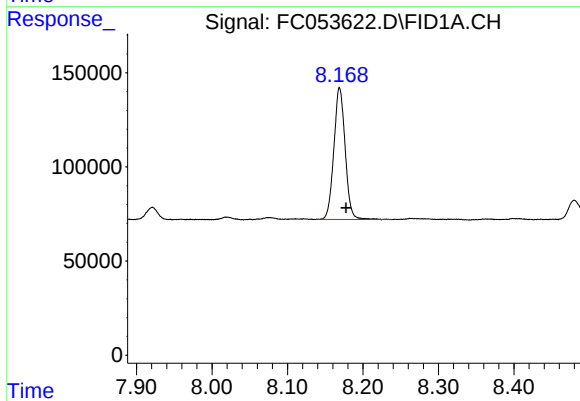
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 550379
Conc: 4.65 ug/ml



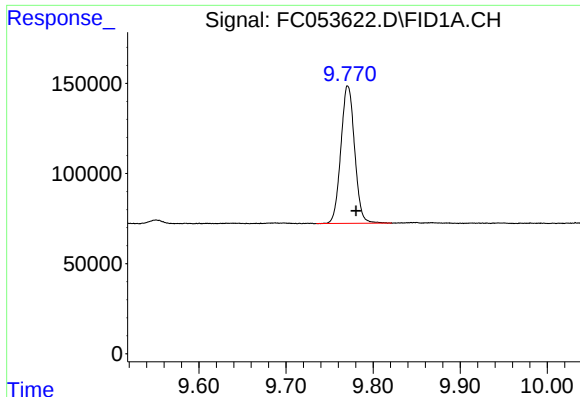
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.009 min
Response: 815557
Conc: 6.74 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 728035
Conc: 5.98 ug/ml



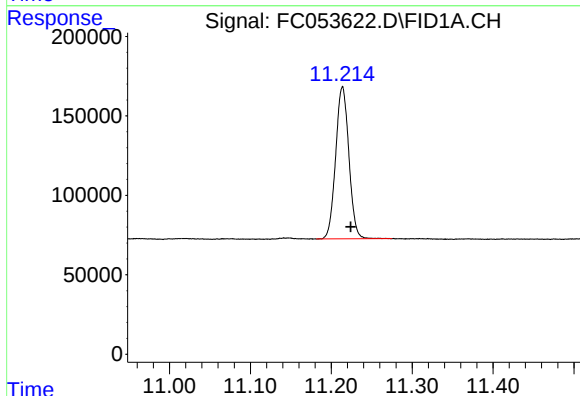
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.009 min
Response: 837291
Conc: 6.84 ug/ml

Instrument :
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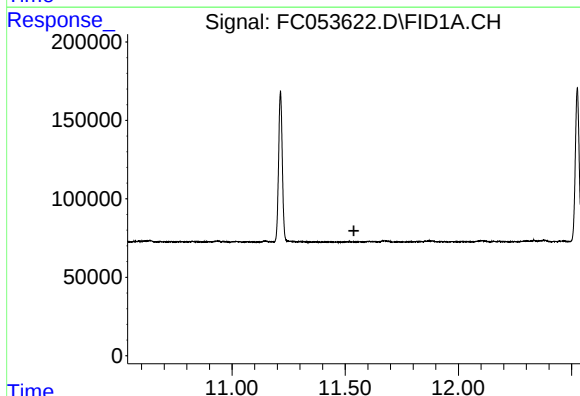
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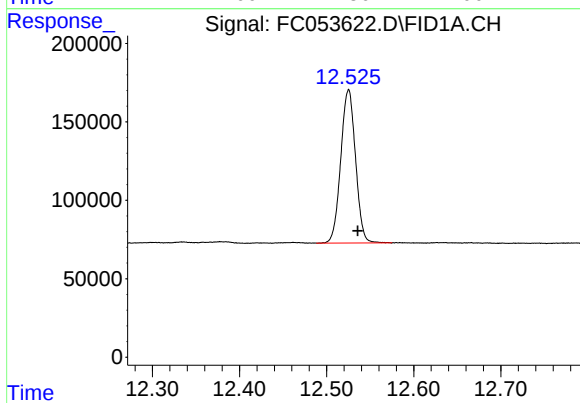
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 1088711
Conc: 8.36 ug/ml



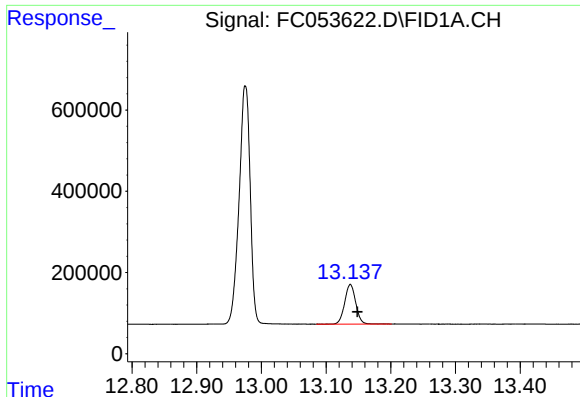
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.011 min
Response: 1151026
Conc: 8.70 ug/ml



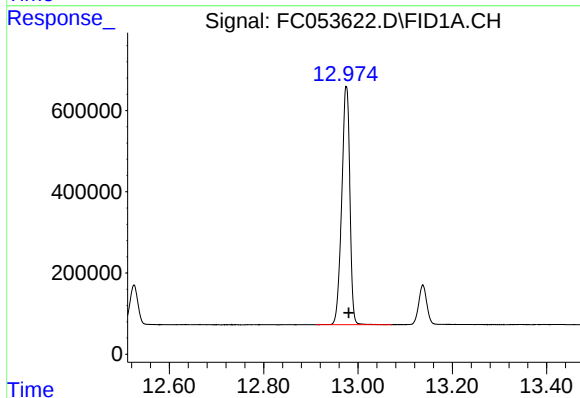
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.011 min
Response: 1154620
Conc: 8.69 ug/ml

Instrument :
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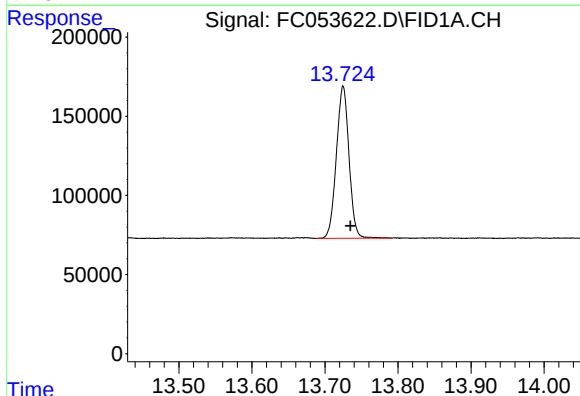
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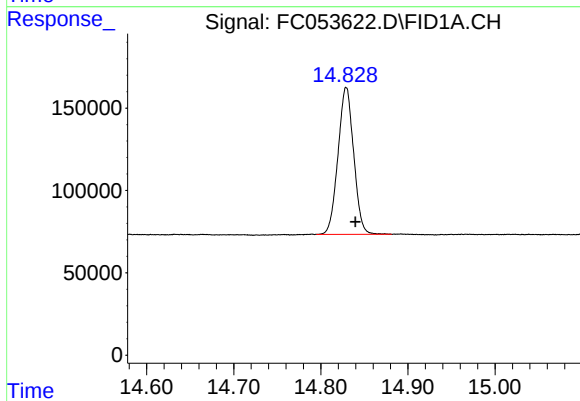
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.005 min
Response: 7014206
Conc: 62.89 ug/ml



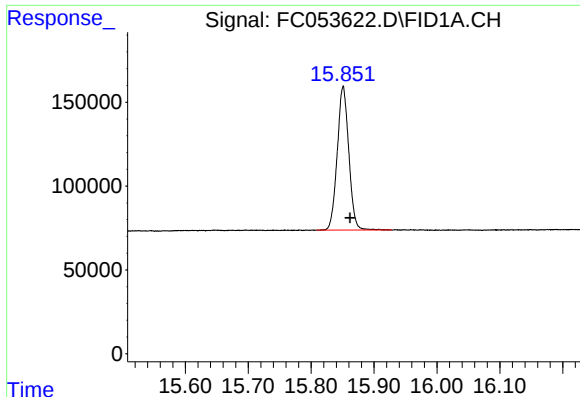
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.010 min
Response: 1155904
Conc: 8.69 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.010 min
Response: 1114617
Conc: 8.35 ug/ml



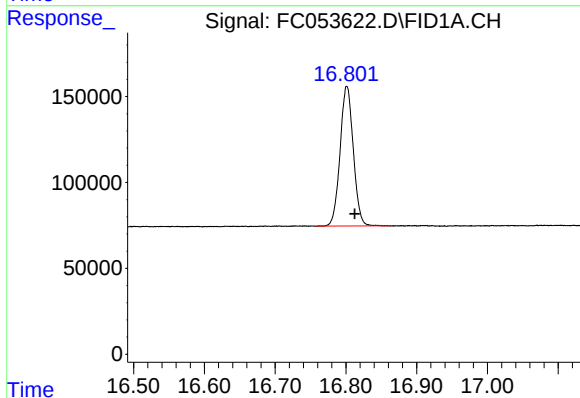
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.011 min
Response: 1096017
Conc: 8.29 ug/ml

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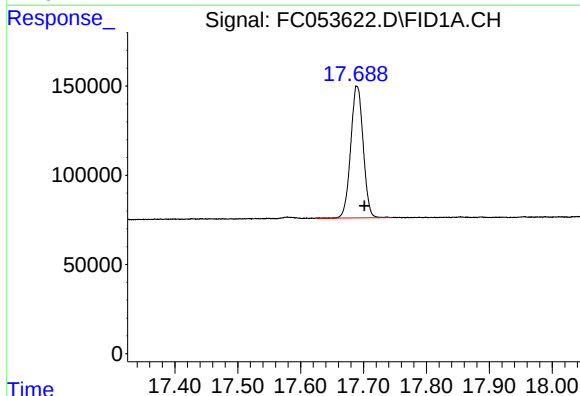
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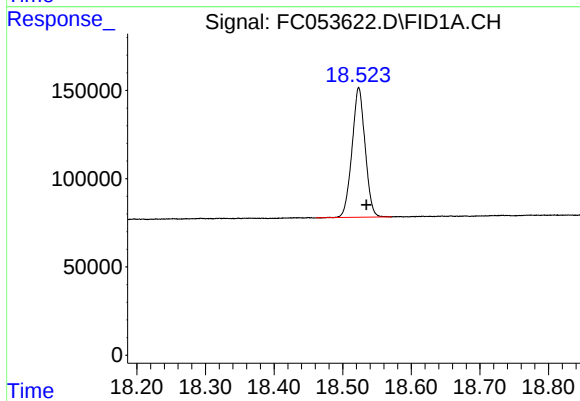
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.011 min
Response: 1055906
Conc: 8.07 ug/ml



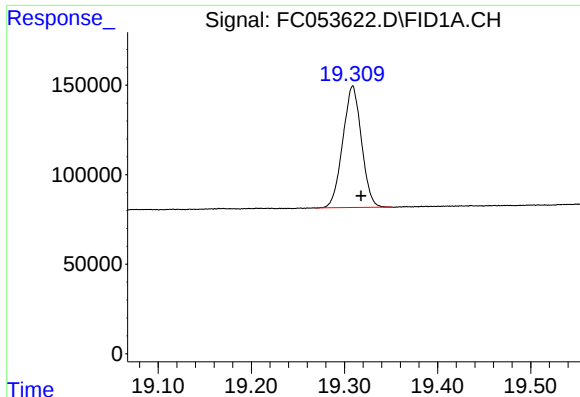
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.011 min
Response: 1014878
Conc: 7.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.011 min
Response: 972632
Conc: 7.71 ug/ml



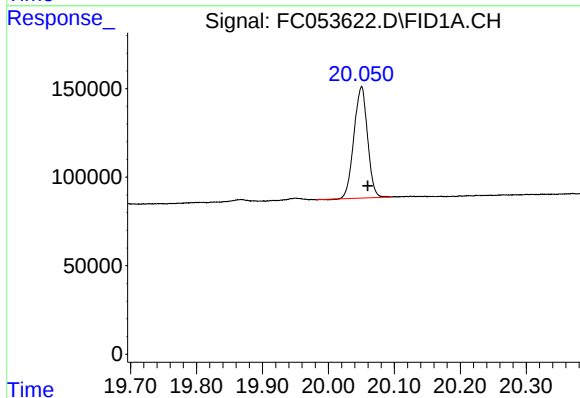
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.010 min
Response: 945412
Conc: 7.76 ug/ml m

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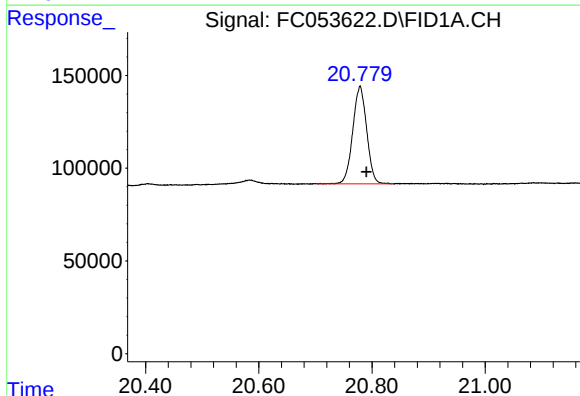
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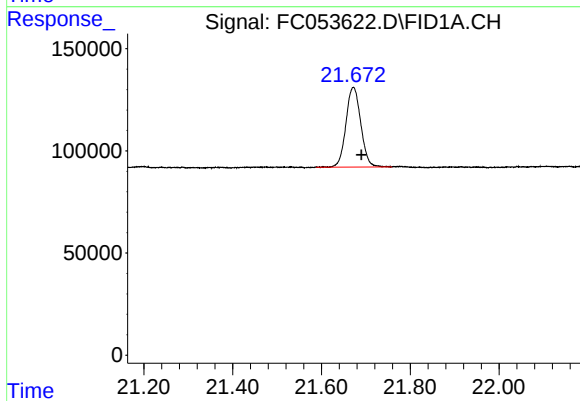
#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.009 min
Response: 901095
Conc: 7.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.011 min
Response: 897407
Conc: 8.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.672 min
Delta R.T.: -0.018 min
Response: 905617
Conc: 9.09 ug/ml