

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054577.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 2:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 7/9/2021 11:41:00 AM

Integration File: sample.E
 Quant Time: Jul 08 06:27:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.328	2819817	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	12.772	2206842	19.797 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T n-Nonane (C9)	3.145	2400599	20.414 ug/ml
2) T n-Decane (C10)	4.199	2437177	20.525 ug/ml
3) T A~Naphthalene (C11.7)	5.765	2661494	20.244 ug/ml
4) T n-Dodecane (C12)	6.205	2500069	20.859 ug/ml
5) T A~2-methylnaphthalene...	6.817	2711677	20.540 ug/ml
6) T n-Tetradecane (C14)	7.992	2559430	21.007 ug/ml
7) T n-Hexadecane (C16)	9.588	2578316	20.699 ug/ml
8) T n-Octadecane (C18)	11.025	2633275	20.388 ug/ml
10) T n-Eicosane (C20)	12.331	2619248	20.129 ug/ml
11) T n-Heneicosane (C21)	12.941	2658173	20.021 ug/ml
13) T n-Docosane (C22)	13.526	2603164	19.649 ug/ml
14) T n-Tetracosane (C24)	14.628	2596092	19.178 ug/ml
15) T n-Hexacosane (C26)	15.647	2517800	18.581 ug/ml
16) T n-Octacosane (C28)	16.595	2471068	18.003 ug/ml
17) T n-Tricontane (C30)	17.482	2401816	17.341 ug/mlm
18) T n-Dotriacontane (C32)	18.313	2296488	16.786 ug/ml
19) T n-Tetratriacontane (C34)	19.097	2221490	16.441 ug/ml
20) T n-Hexatriacontane (C36)	19.835	2131169	17.265 ug/ml
21) T n-Octatriacontane (C38)	20.540	2055421	18.171 ug/mlm
22) T n-Tetracontane (C40)	21.362	2106067	18.633 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

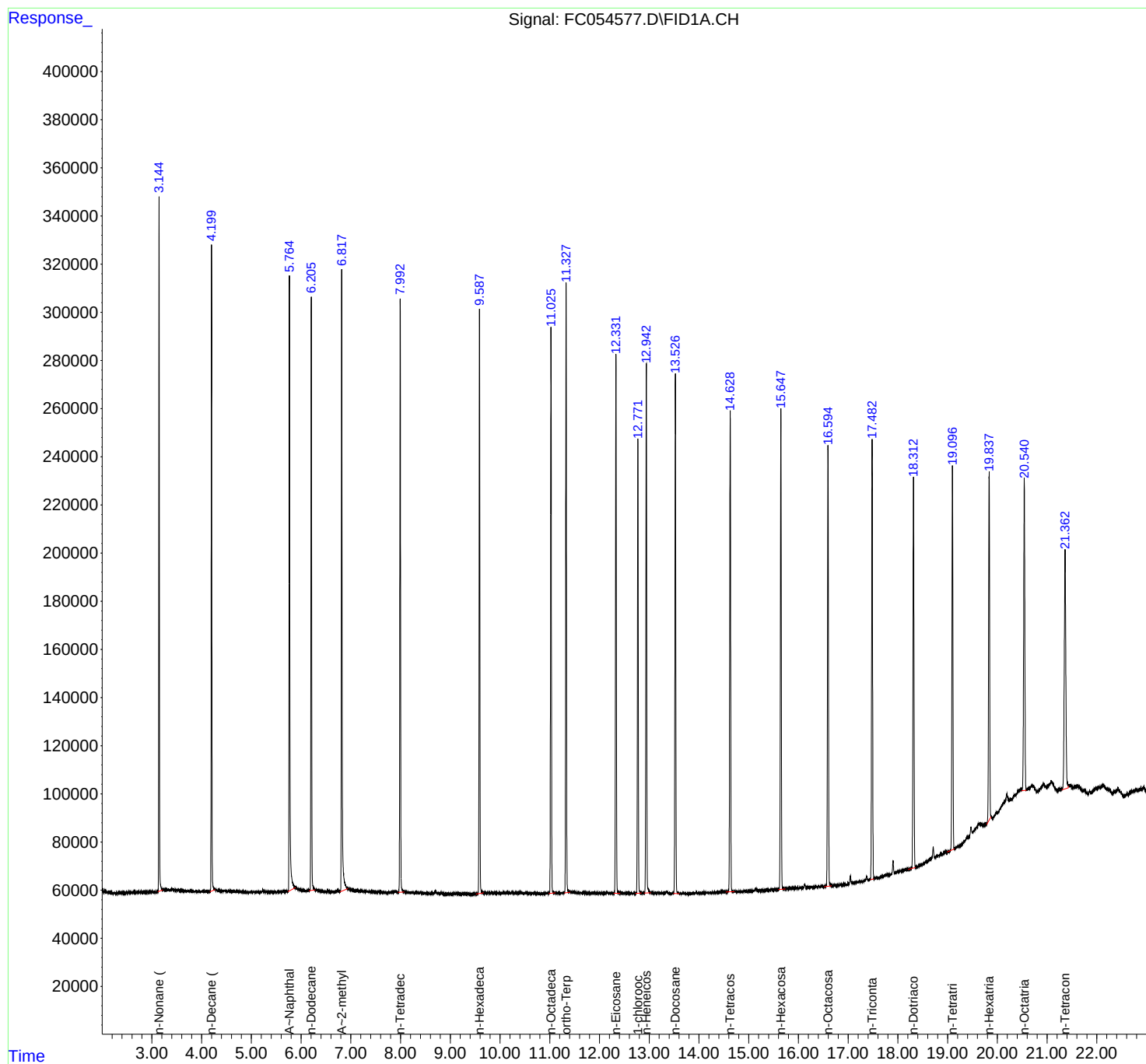
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

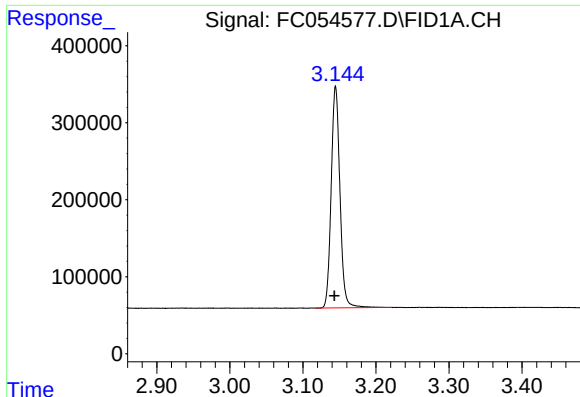
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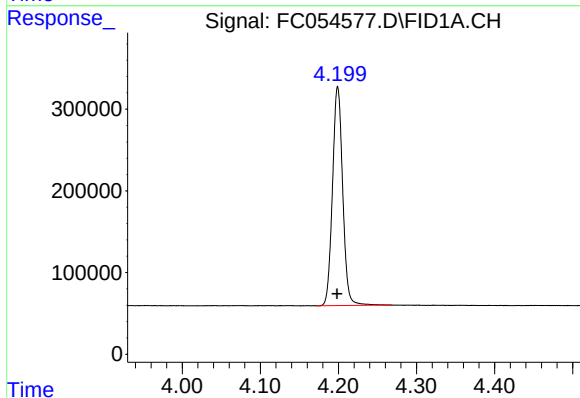
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.002 min
Response: 2400599
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

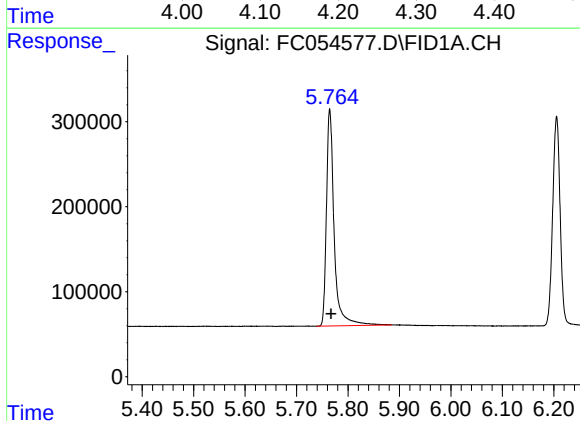
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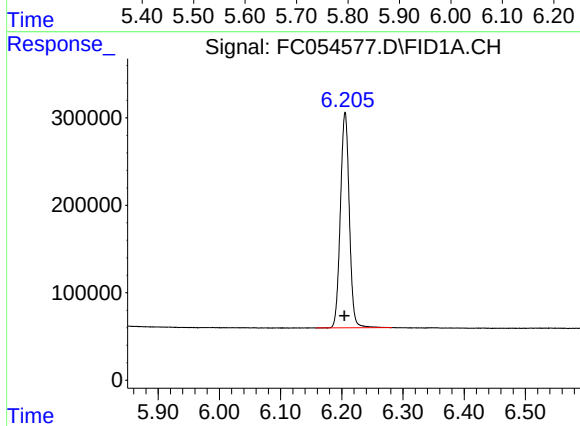
#2 n-Decane (C10)

R.T.: 4.199 min
Delta R.T.: 0.001 min
Response: 2437177
Conc: 20.53 ug/ml



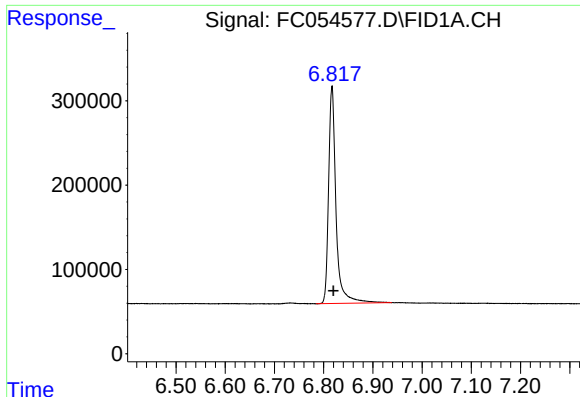
#3 A~Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 2661494
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 2500069
Conc: 20.86 ug/ml



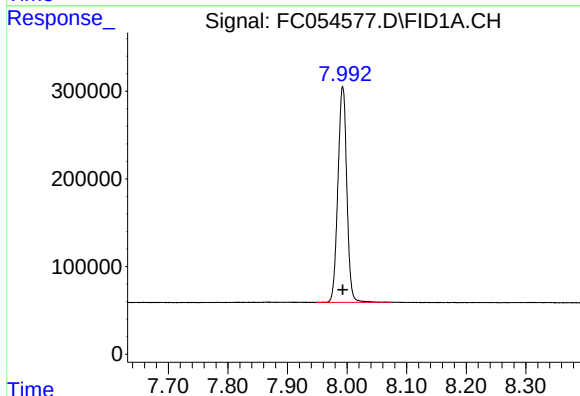
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 2711677
Conc: 20.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

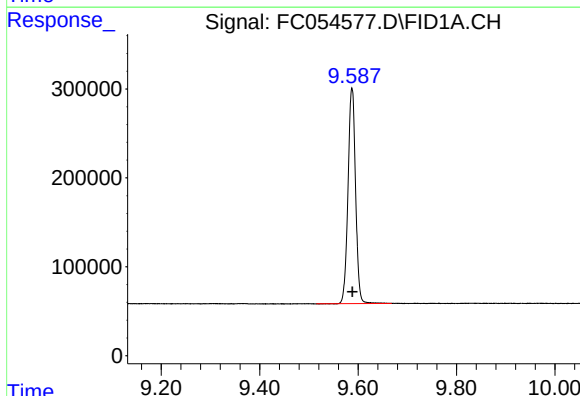
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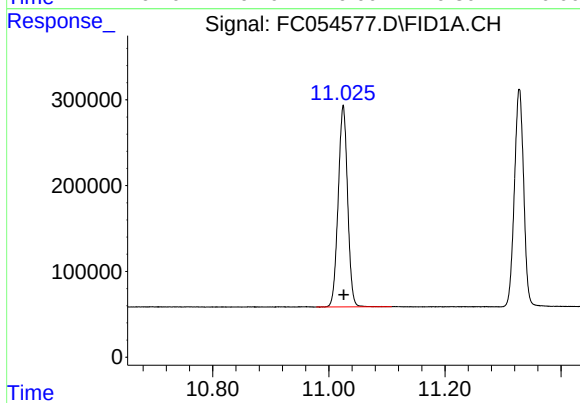
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 2559430
Conc: 21.01 ug/ml



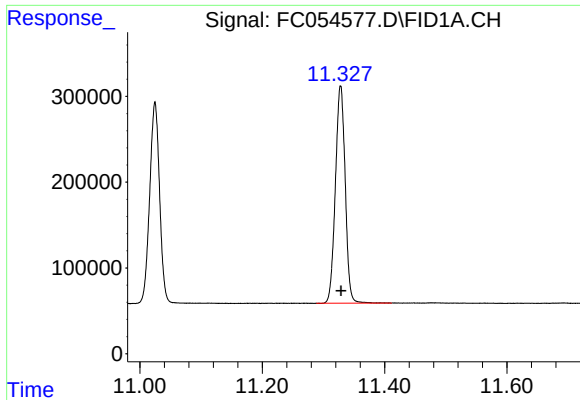
#7 n-Hexadecane (C16)

R.T.: 9.588 min
Delta R.T.: 0.000 min
Response: 2578316
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.025 min
Delta R.T.: -0.001 min
Response: 2633275
Conc: 20.39 ug/ml



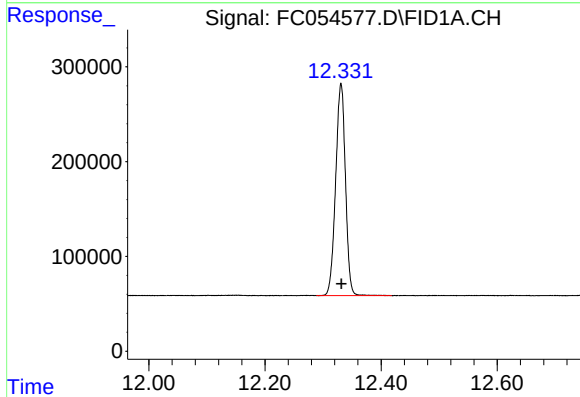
#9 ortho-Terphenyl (SURR)

R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 2819817
Conc: 19.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

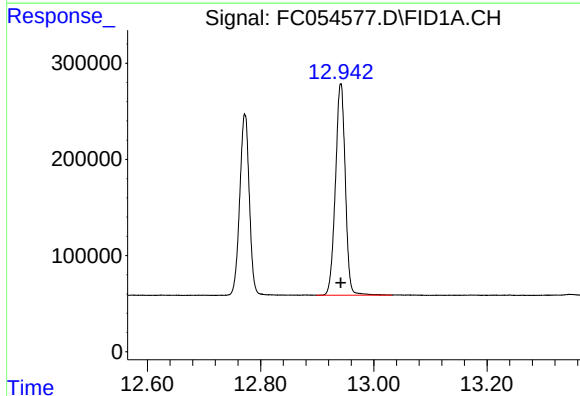
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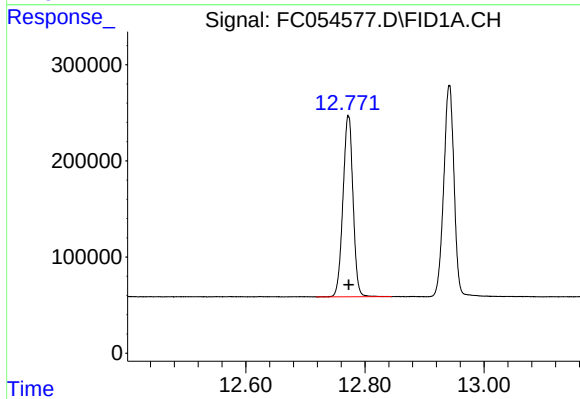
#10 n-Eicosane (C20)

R.T.: 12.331 min
Delta R.T.: 0.000 min
Response: 2619248
Conc: 20.13 ug/ml



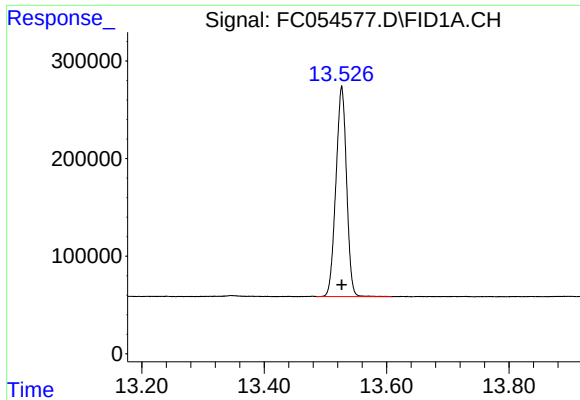
#11 n-Heneicosane (C21)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 2658173
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.772 min
Delta R.T.: 0.000 min
Response: 2206842
Conc: 19.80 ug/ml



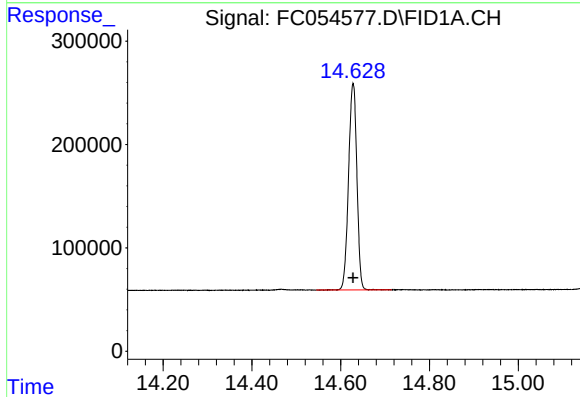
#13 n-Docosane (C22)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 2603164
Conc: 19.65 ug/ml

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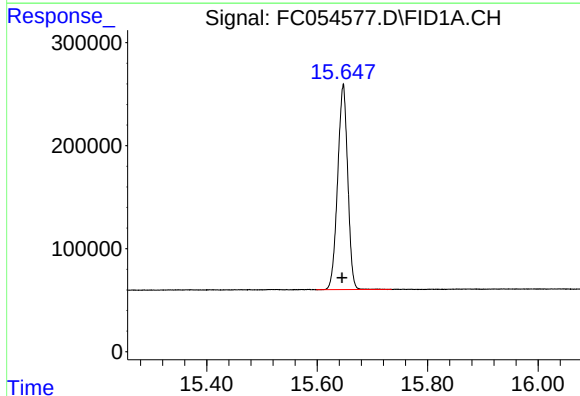
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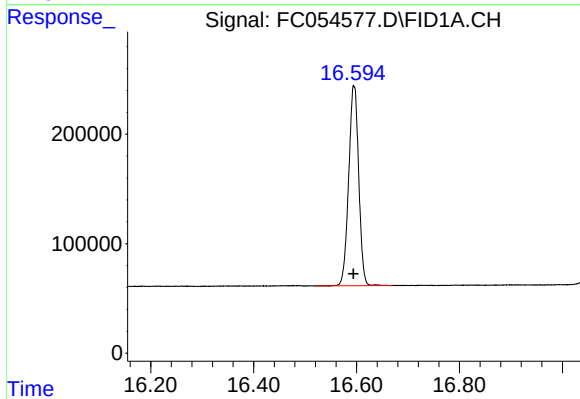
#14 n-Tetracosane (C24)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 2596092
Conc: 19.18 ug/ml



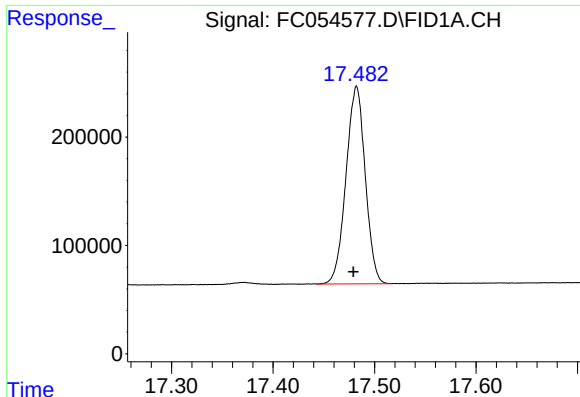
#15 n-Hexacosane (C26)

R.T.: 15.647 min
Delta R.T.: 0.001 min
Response: 2517800
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.595 min
Delta R.T.: 0.001 min
Response: 2471068
Conc: 18.00 ug/ml



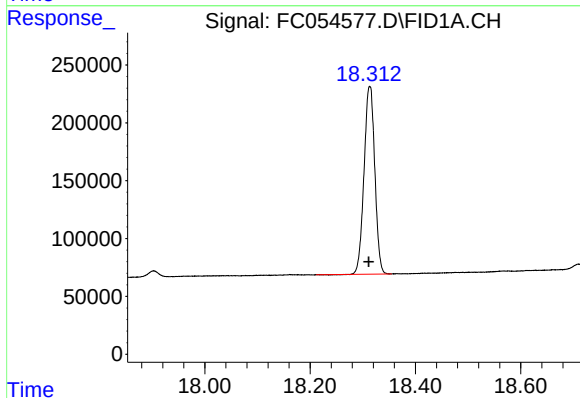
#17 n-Tricontane (C30)

R.T.: 17.482 min
Delta R.T.: 0.003 min
Response: 2401816
Conc: 17.34 ug/ml m

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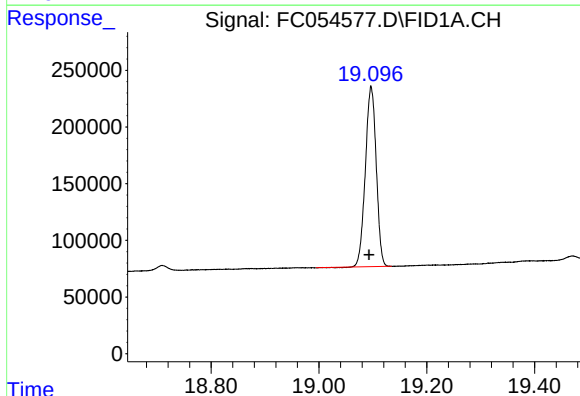
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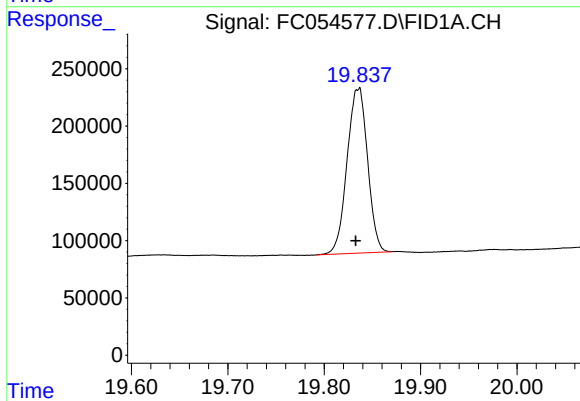
#18 n-Dotriacontane (C32)

R.T.: 18.313 min
Delta R.T.: 0.002 min
Response: 2296488
Conc: 16.79 ug/ml



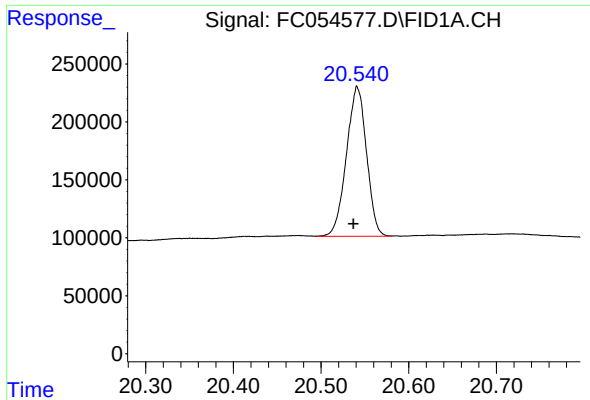
#19 n-Tetratriacontane (C34)

R.T.: 19.097 min
Delta R.T.: 0.004 min
Response: 2221490
Conc: 16.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.002 min
Response: 2131169
Conc: 17.26 ug/ml



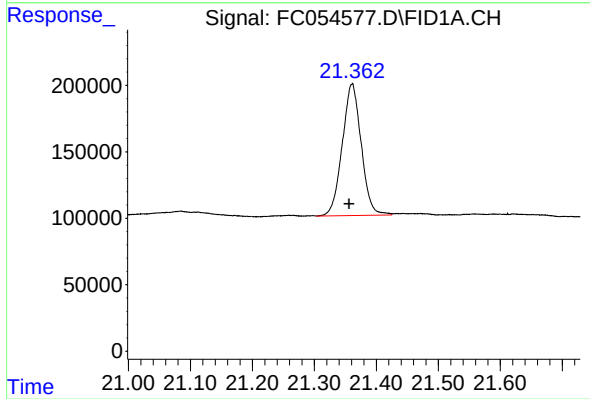
#21 n-Octatriacontane (C38)

R.T.: 20.540 min
Delta R.T.: 0.003 min
Response: 2055421
Conc: 18.17 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.362 min
Delta R.T.: 0.006 min
Response: 2106067
Conc: 18.63 ug/ml m