

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062521AL\
 Data File : FC054449.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2021 22:39
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

mohammad
 6/28/2021 12:56:32 PM

Integration File: autoint1.e
 Quant Time: Jun 26 01:55:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 01:54:25 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	1441448	10.708 ug/ml
Spiked Amount 50.000		Recovery =	21.42%
12) S 1-chlorooctadecane (S...	12.774	1132864	10.634 ug/ml
Spiked Amount 50.000		Recovery =	21.27%
Target Compounds			
1) T n-Nonane (C9)	3.143	1189973	10.494 ug/ml
2) T n-Decane (C10)	4.198	1204355	10.534 ug/ml
3) T A~Naphthalene (C11.7)	5.765	1302688	10.265 ug/ml
4) T n-Dodecane (C12)	6.204	1216139	10.546 ug/ml
5) T A~2-methylnaphthalene...	6.817	1321192	10.263 ug/ml
6) T n-Tetradecane (C14)	7.992	1238792	10.552 ug/ml
7) T n-Hexadecane (C16)	9.588	1265938	10.639 ug/ml
8) T n-Octadecane (C18)	11.026	1319039	10.729 ug/ml
10) T n-Eicosane (C20)	12.332	1325840	10.699 ug/ml
11) T n-Heneicosane (C21)	12.943	1357306	10.730 ug/ml
13) T n-Docosane (C22)	13.528	1349121	10.692 ug/ml
14) T n-Tetracosane (C24)	14.628	1384058	10.720 ug/ml
15) T n-Hexacosane (C26)	15.647	1384665	10.717 ug/ml
16) T n-Octacosane (C28)	16.594	1414326	10.802 ug/ml
17) T n-Tricontane (C30)	17.481	1433669	10.907 ug/mlm
18) T n-Dotriacontane (C32)	18.312	1438495	11.173 ug/ml
19) T n-Tetratriacontane (C34)	19.095	1418299	10.922 ug/ml
20) T n-Hexatriacontane (C36)	19.835	1321443	11.347 ug/mlm
21) T n-Octatriacontane (C38)	20.538	1189220	10.984 ug/ml
22) T n-Tetracontane (C40)	21.360	1292148	12.265 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

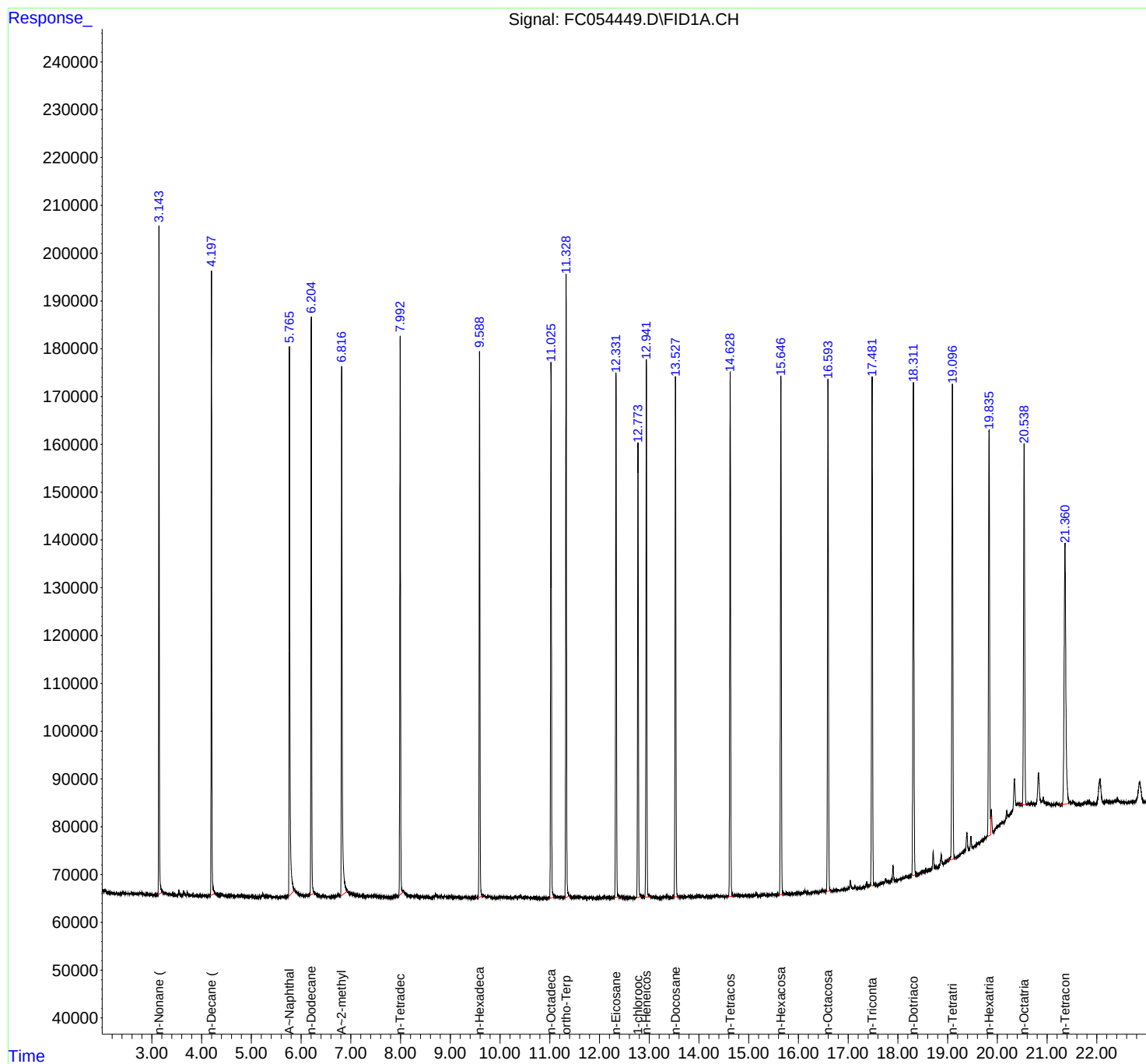
Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

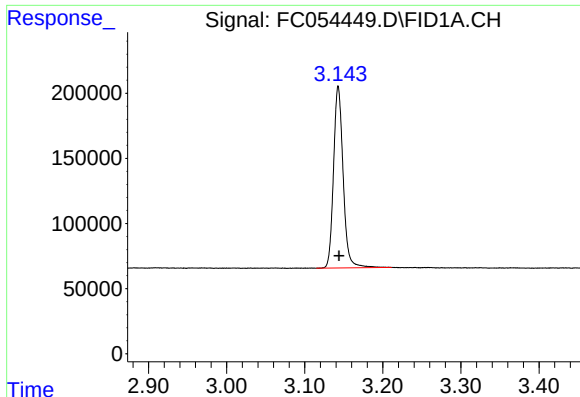
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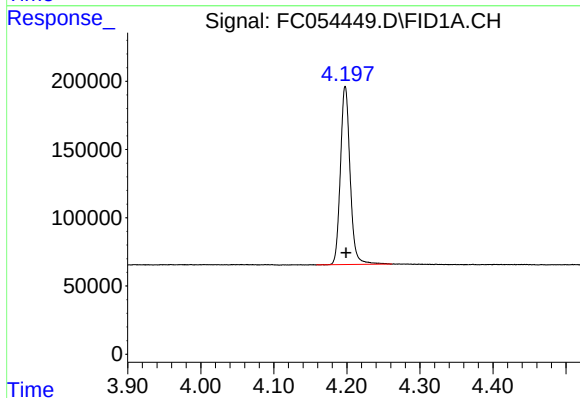
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 1189973
Conc: 10.49 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

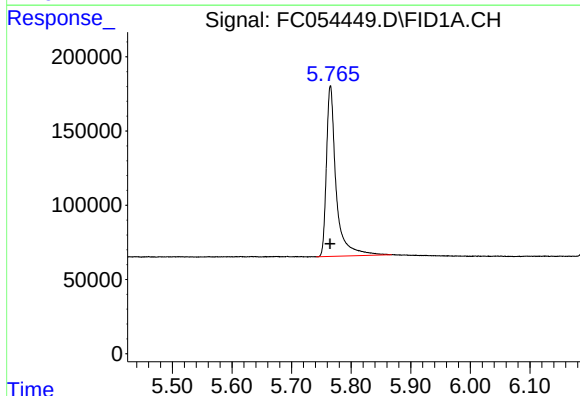
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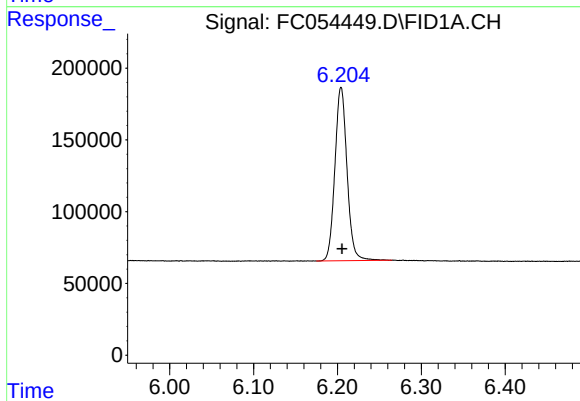
#2 n-Decane (C10)

R.T.: 4.198 min
Delta R.T.: -0.001 min
Response: 1204355
Conc: 10.53 ug/ml



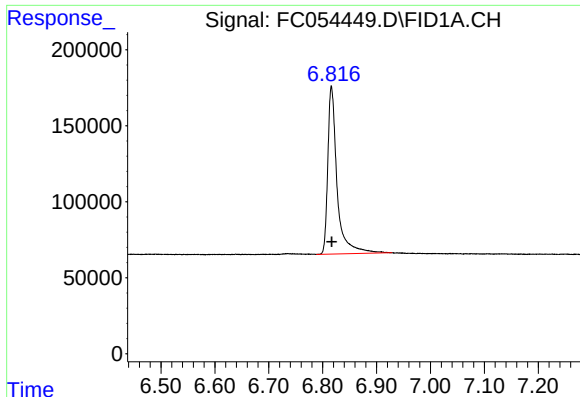
#3 A~Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 1302688
Conc: 10.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 1216139
Conc: 10.55 ug/ml



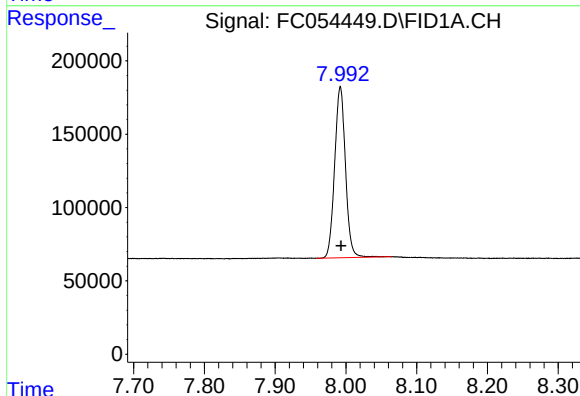
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 1321192
Conc: 10.26 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4

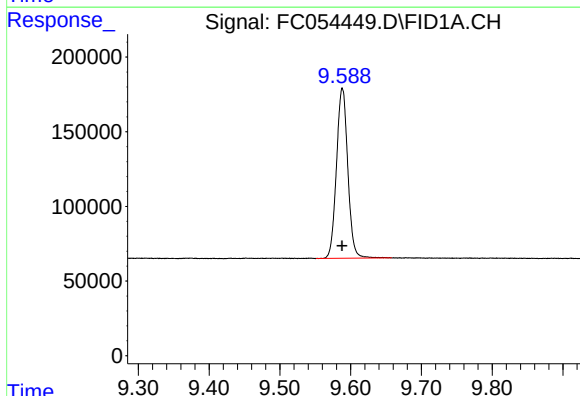
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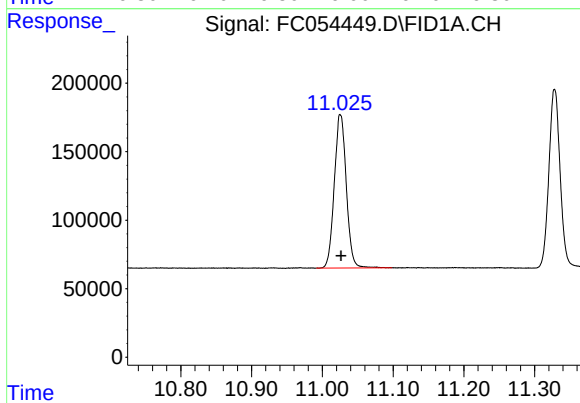
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 1238792
Conc: 10.55 ug/ml



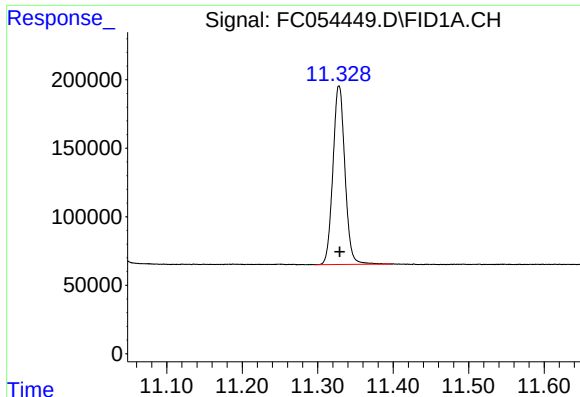
#7 n-Hexadecane (C16)

R.T.: 9.588 min
Delta R.T.: 0.000 min
Response: 1265938
Conc: 10.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.026 min
Delta R.T.: 0.000 min
Response: 1319039
Conc: 10.73 ug/ml



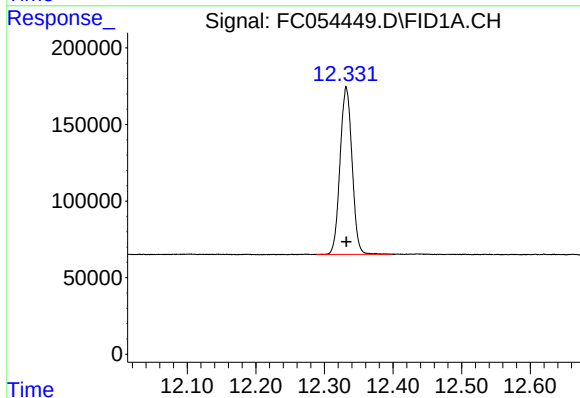
#9 ortho-Terphenyl (SURR)

R.T.: 11.328 min
Delta R.T.: -0.001 min
Response: 1441448
Conc: 10.71 ug/ml

Instrument :
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ClientSampleId :
10 PPM ALIPHATIC HC STD4

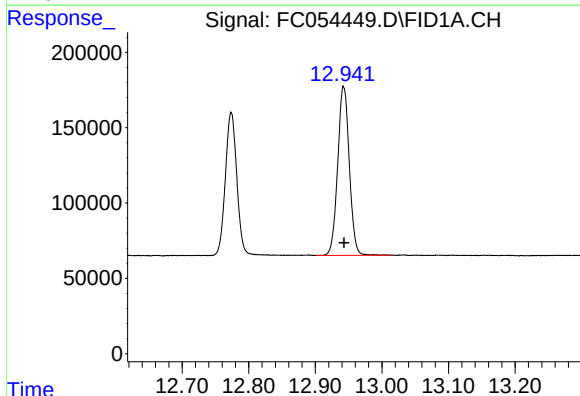
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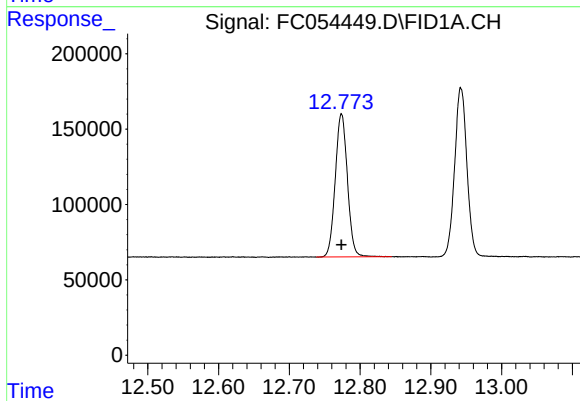
#10 n-Eicosane (C20)

R.T.: 12.332 min
Delta R.T.: 0.000 min
Response: 1325840
Conc: 10.70 ug/ml



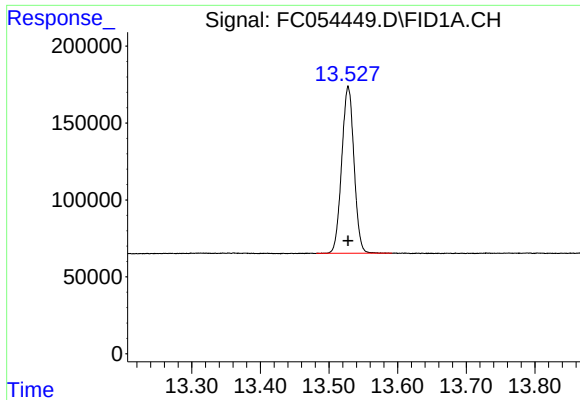
#11 n-Heneicosane (C21)

R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 1357306
Conc: 10.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.774 min
Delta R.T.: 0.000 min
Response: 1132864
Conc: 10.63 ug/ml



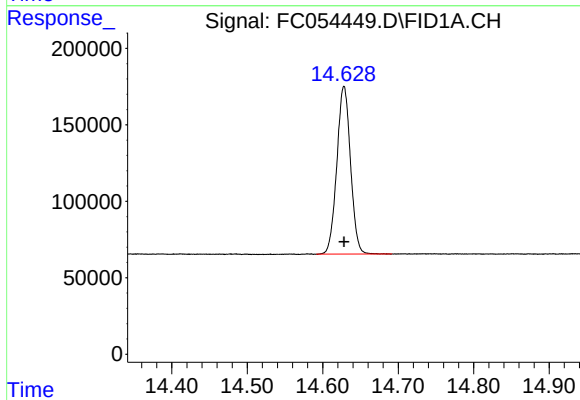
#13 n-Docosane (C22)

R.T.: 13.528 min
Delta R.T.: 0.000 min
Response: 1349121
Conc: 10.69 ug/ml

Instrument :
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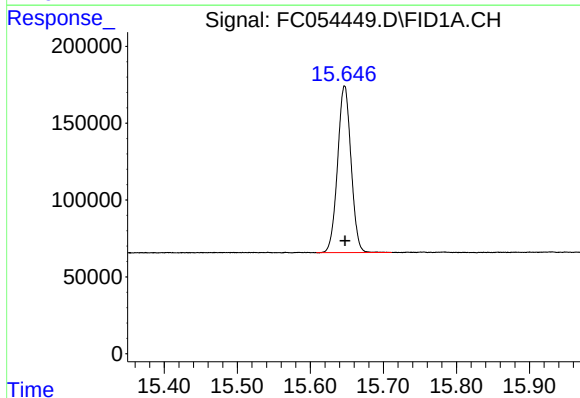
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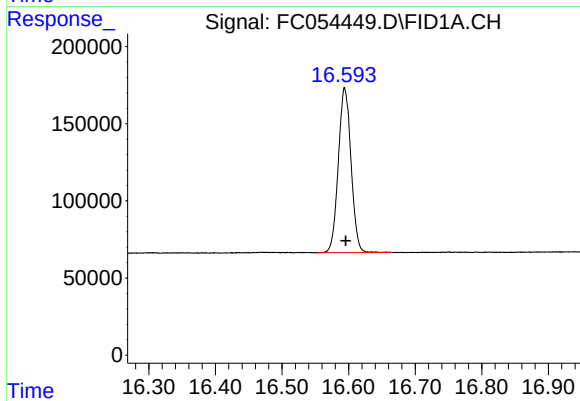
#14 n-Tetracosane (C24)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 1384058
Conc: 10.72 ug/ml



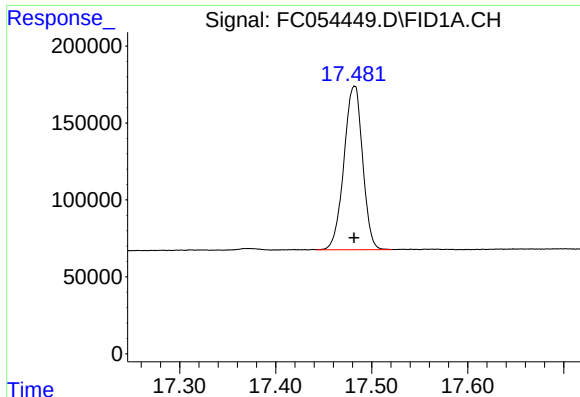
#15 n-Hexacosane (C26)

R.T.: 15.647 min
Delta R.T.: 0.000 min
Response: 1384665
Conc: 10.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.594 min
Delta R.T.: -0.001 min
Response: 1414326
Conc: 10.80 ug/ml



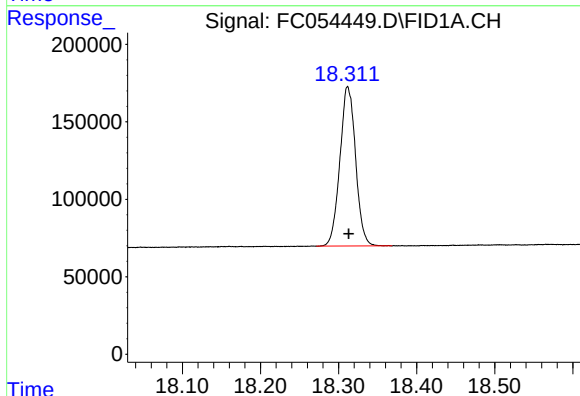
#17 n-Tricontane (C30)

R.T.: 17.481 min
Delta R.T.: 0.000 min
Response: 1433669
Conc: 10.91 ug/ml m

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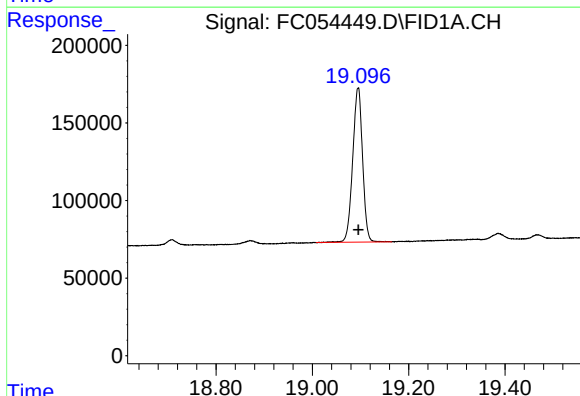
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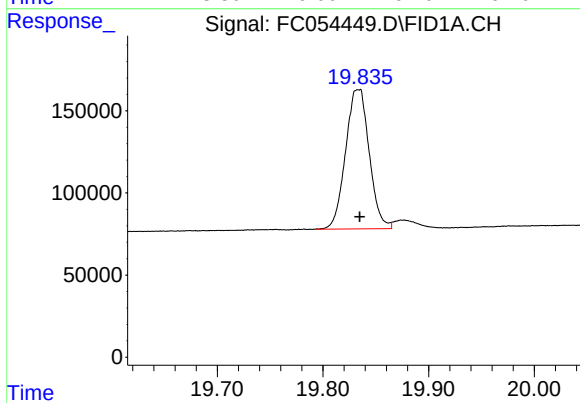
#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: 0.000 min
Response: 1438495
Conc: 11.17 ug/ml



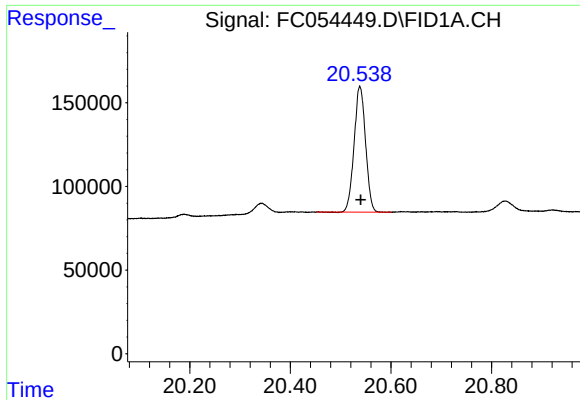
#19 n-Tetratriacontane (C34)

R.T.: 19.095 min
Delta R.T.: 0.000 min
Response: 1418299
Conc: 10.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.000 min
Response: 1321443
Conc: 11.35 ug/ml m



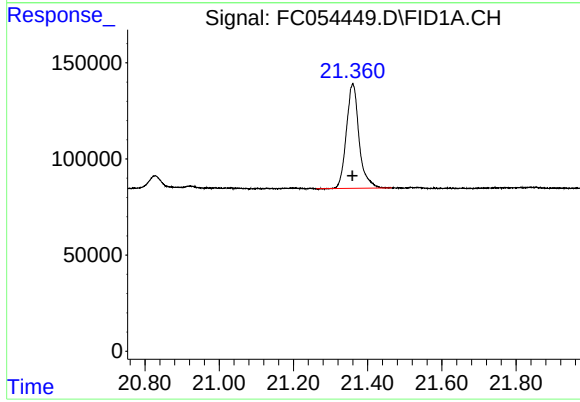
#21 n-Octatriacontane (C38)

R.T.: 20.538 min
Delta R.T.: -0.001 min
Response: 1189220
Conc: 10.98 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4

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#22 n-Tetracontane (C40)

R.T.: 21.360 min
Delta R.T.: 0.000 min
Response: 1292148
Conc: 12.27 ug/ml