

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042120AL\
 Data File : FC047017.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2020 18:02
 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
 4/23/2020 8:20:07 AM

Integration File: autoint1.e
 Quant Time: Apr 22 18:27:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 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)	11.753	2227680	20.379 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	13.168	1741886	20.213 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.548	2142194	22.306 ug/ml
2) T n-Decane (C10)	4.614	2224326	23.159 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2217051	22.127 ug/ml
4) T n-Dodecane (C12)	6.618	2283282	23.392 ug/ml
5) T A~2-methylnaphthalene...	7.263	2305830	22.807 ug/ml
6) T n-Tetradecane (C14)	8.399	2259984	22.951 ug/ml
7) T n-Hexadecane (C16)	9.988	2225038	22.288 ug/ml
8) T n-Octadecane (C18)	11.420	2181900	21.497 ug/ml
10) T n-Eicosane (C20)	12.722	2129989	20.835 ug/ml
11) T n-Heneicosane (C21)	13.330	2095320	20.322 ug/ml
13) T n-Docosane (C22)	13.913	2232942	21.752 ug/ml
14) T n-Tetracosane (C24)	15.009	2269560	21.986 ug/ml
15) T n-Hexacosane (C26)	16.025	2240934	21.841 ug/ml
16) T n-Octacosane (C28)	16.970	2279671	22.399 ug/ml
17) T n-Tricontane (C30)	17.854	2255353	23.020 ug/ml
18) T n-Dotriacontane (C32)	18.681	1925804	22.970 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1608088	22.445 ug/mlm
20) T n-Hexatriacontane (C36)	20.195	1456441	20.790 ug/mlm
21) T n-Octatriacontane (C38)	20.955	1345449	21.322 ug/ml
22) T n-Tetracontane (C40)	21.911	1399128	20.219 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042120AL\
Data File : FC047017.D
Signal(s) : FID1A.CH
Acq On : 22 Apr 2020 18:02
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

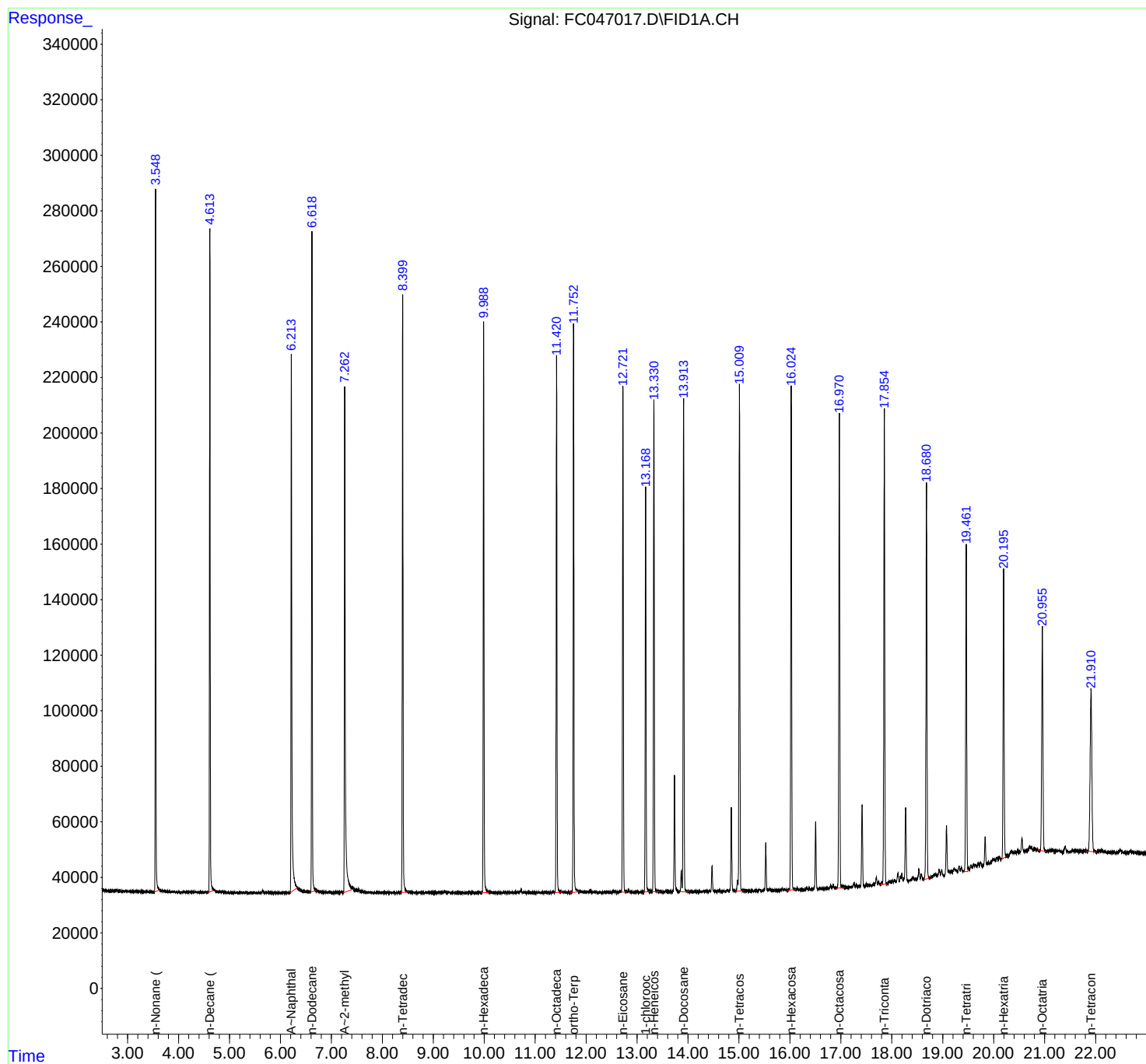
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

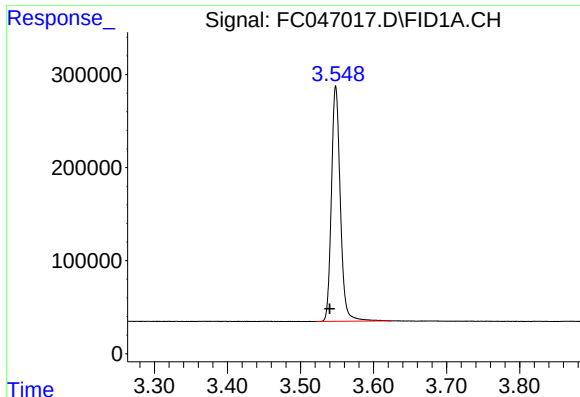
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Integration File: autoint1.e
Quant Time: Apr 22 18:27:04 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
Quant Title : GC Extractables
QLast Update : Tue Mar 24 12:45:07 2020
Response via : Initial Calibration
Integrator: 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





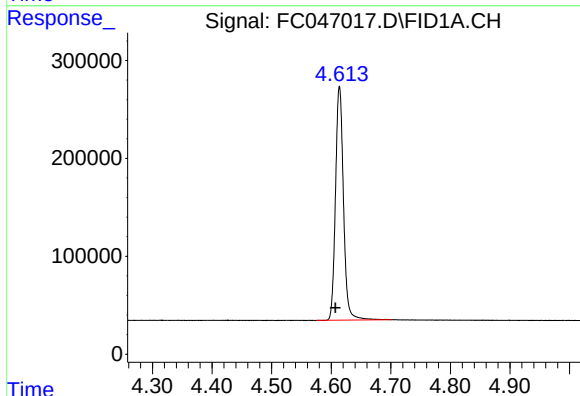
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2142194
Conc: 22.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

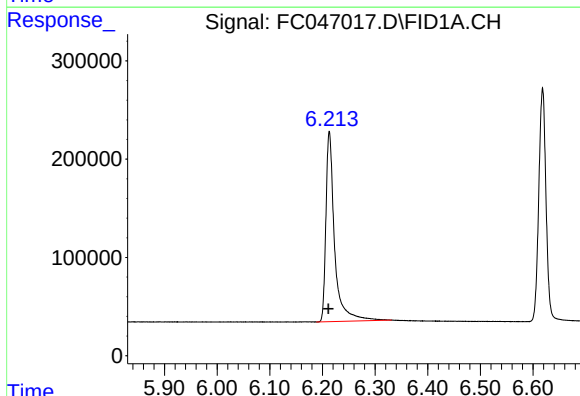
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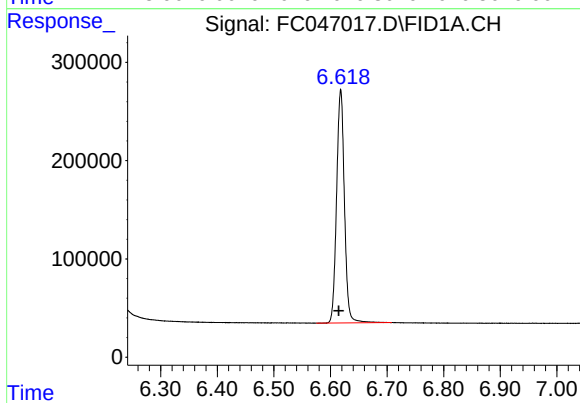
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2224326
Conc: 23.16 ug/ml



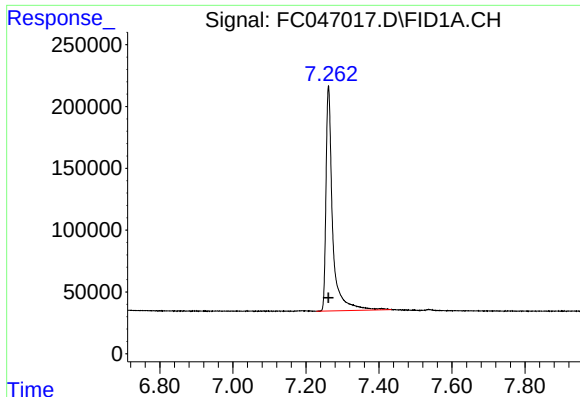
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 2217051
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 2283282
Conc: 23.39 ug/ml



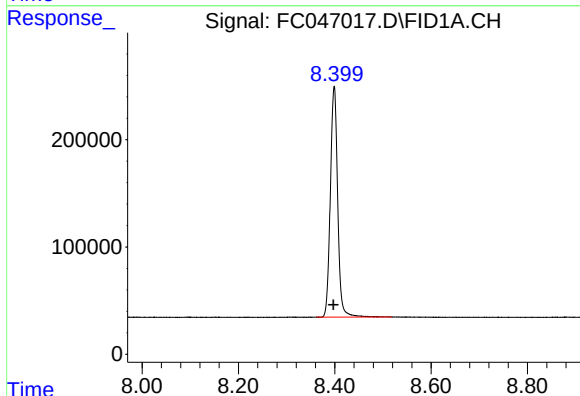
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2305830
Conc: 22.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

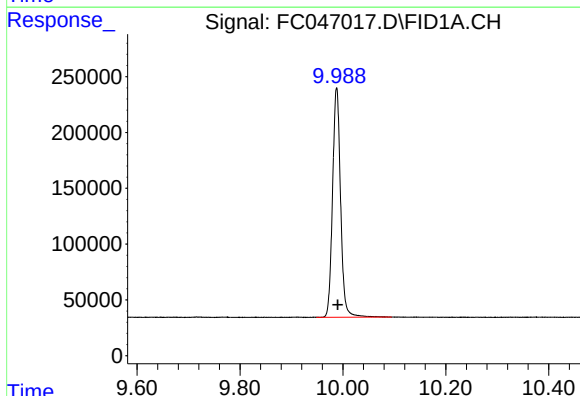
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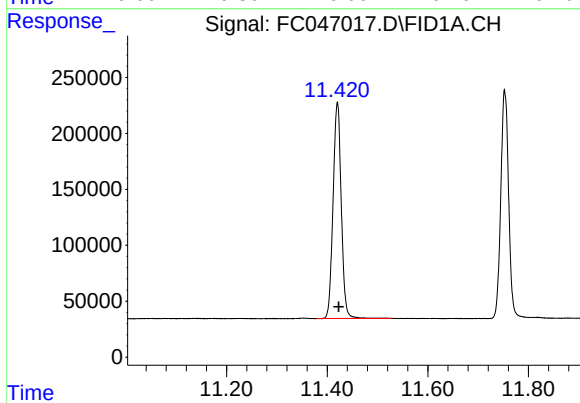
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.001 min
Response: 2259984
Conc: 22.95 ug/ml



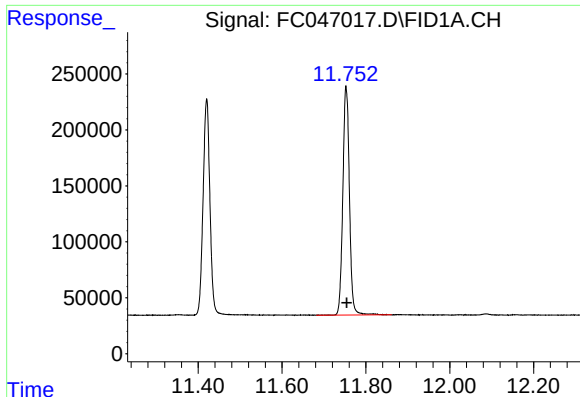
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: -0.002 min
Response: 2225038
Conc: 22.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.420 min
Delta R.T.: -0.003 min
Response: 2181900
Conc: 21.50 ug/ml



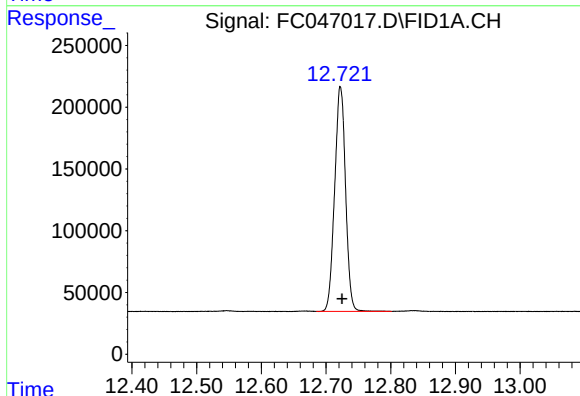
#9 ortho-Terphenyl (SURR)

R.T.: 11.753 min
Delta R.T.: -0.001 min
Response: 2227680
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

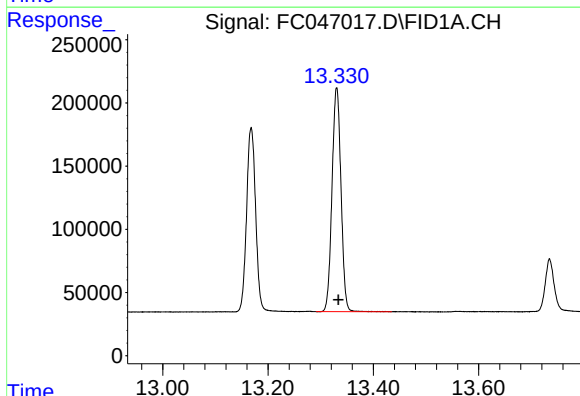
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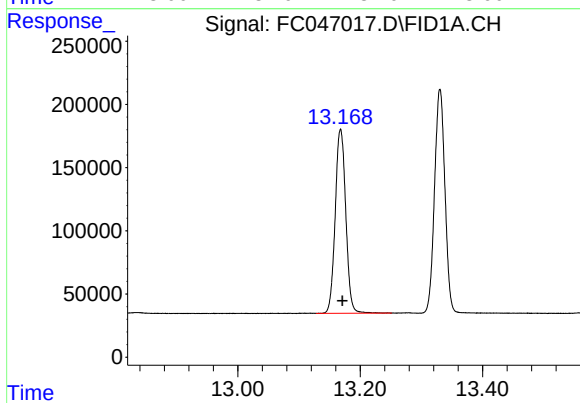
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: -0.003 min
Response: 2129989
Conc: 20.84 ug/ml



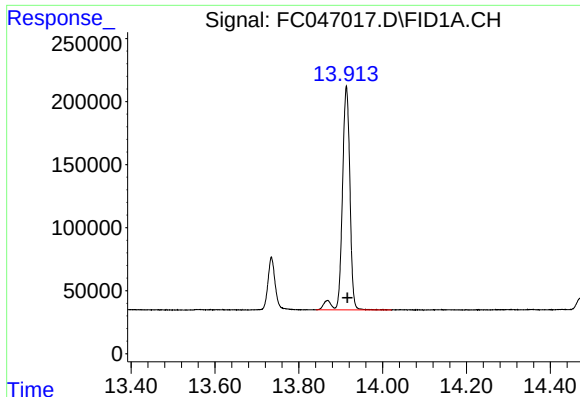
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: -0.003 min
Response: 2095320
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.168 min
Delta R.T.: -0.003 min
Response: 1741886
Conc: 20.21 ug/ml



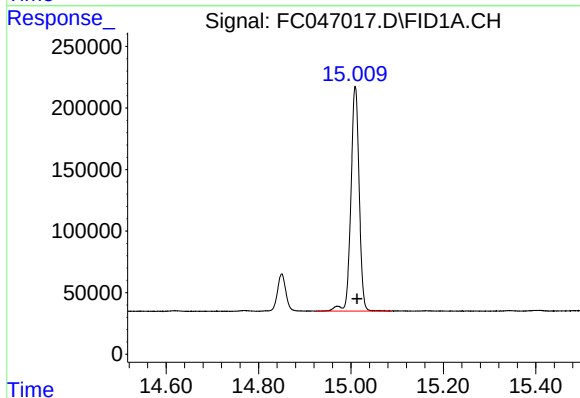
#13 n-Docosane (C22)

R.T.: 13.913 min
Delta R.T.: -0.003 min
Response: 2232942
Conc: 21.75 ug/ml

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20 PPM ALIPHATIC HC STD

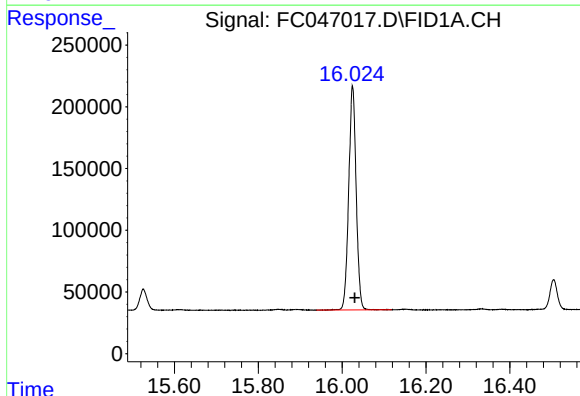
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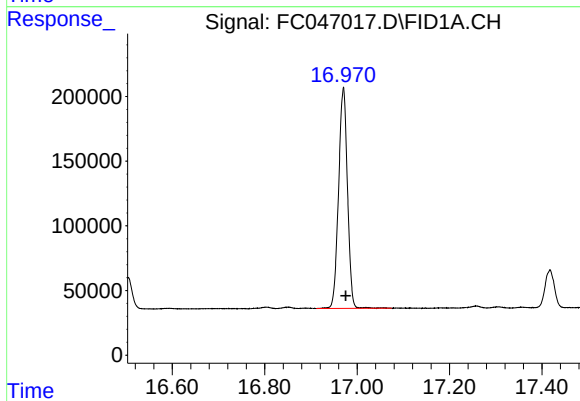
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: -0.004 min
Response: 2269560
Conc: 21.99 ug/ml



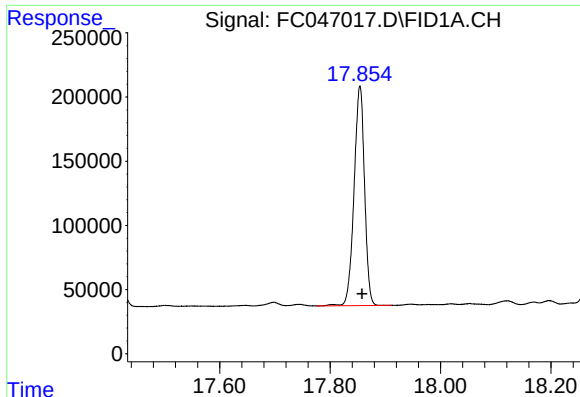
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: -0.005 min
Response: 2240934
Conc: 21.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: -0.006 min
Response: 2279671
Conc: 22.40 ug/ml



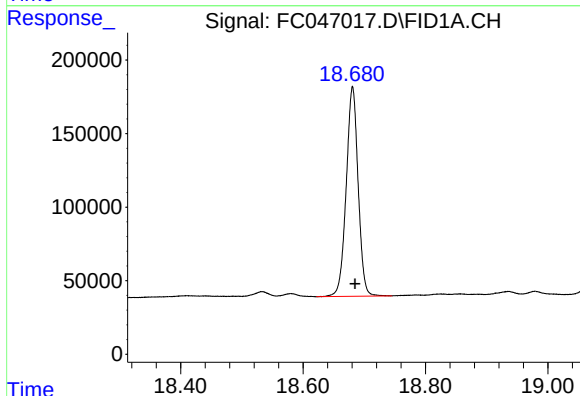
#17 n-Tricontane (C30)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 2255353
Conc: 23.02 ug/ml

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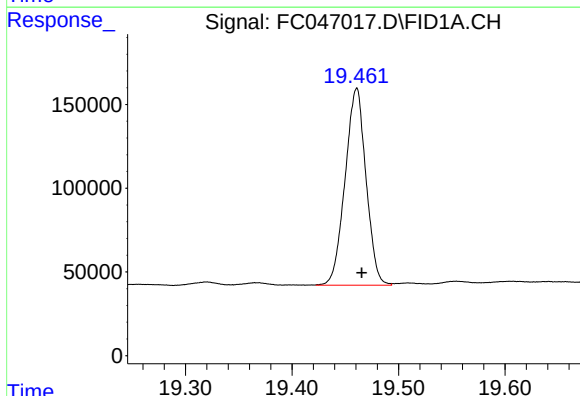
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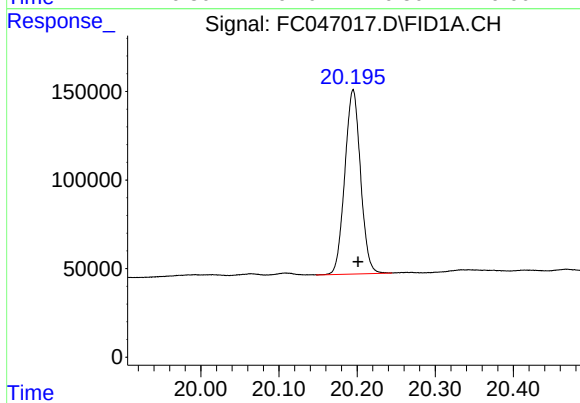
#18 n-Dotriacontane (C32)

R.T.: 18.681 min
Delta R.T.: -0.004 min
Response: 1925804
Conc: 22.97 ug/ml



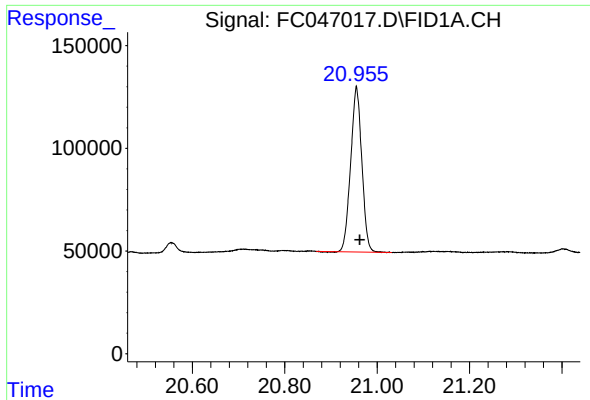
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: -0.005 min
Response: 1608088
Conc: 22.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: -0.007 min
Response: 1456441
Conc: 20.79 ug/ml m



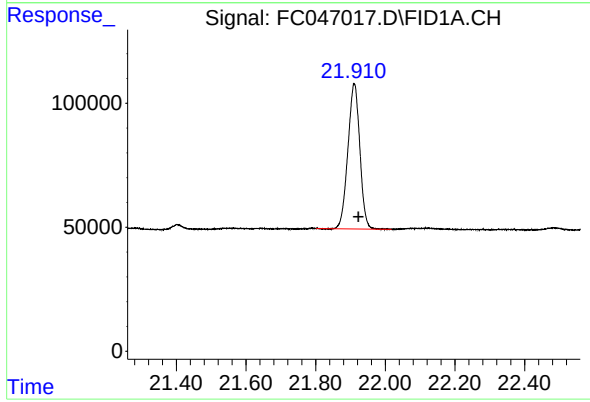
#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: -0.007 min
Response: 1345449
Conc: 21.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.012 min
Response: 1399128
Conc: 20.22 ug/ml