

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
 Data File : FC053424.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2021 9:09
 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

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 4/28/2021 3:42:39 PM

Integration File: sample.E
 Quant Time: Apr 27 14:02:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.549	2440539	17.635 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
12) S 1-chlorooctadecane (S...	12.990	1855691	17.145 ug/ml
Spiked Amount 50.000		Recovery =	34.29%
Target Compounds			
1) T n-Nonane (C9)	3.302	2449668	21.115 ug/ml
2) T n-Decane (C10)	4.368	2492608	21.298 ug/ml
3) T A~Naphthalene (C11.7)	5.955	2740883	21.068 ug/ml
4) T n-Dodecane (C12)	6.389	2544846	21.325 ug/ml
5) T A~2-methylnaphthalene...	7.013	2751943	20.820 ug/ml
6) T n-Tetradecane (C14)	8.187	2507336	20.602 ug/ml
7) T n-Hexadecane (C16)	9.790	2404740	19.985 ug/ml
8) T n-Octadecane (C18)	11.234	2395778	18.907 ug/ml
10) T n-Eicosane (C20)	12.546	2288764	17.847 ug/ml
11) T n-Heneicosane (C21)	13.158	2212425	17.227 ug/ml
13) T n-Docosane (C22)	13.746	2190091	16.993 ug/ml
14) T n-Tetracosane (C24)	14.850	2152554	16.666 ug/ml
15) T n-Hexacosane (C26)	15.873	2129448	16.570 ug/ml
16) T n-Octacosane (C28)	16.824	2118715	16.360 ug/ml
17) T n-Tricontane (C30)	17.712	2172022	16.130 ug/ml
18) T n-Dotriacontane (C32)	18.546	2138392	15.592 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2078856	15.930 ug/mlm
20) T n-Hexatriacontane (C36)	20.071	2008497	16.589 ug/mlm
21) T n-Octatriacontane (C38)	20.804	1876763	17.811 ug/ml
22) T n-Tetracontane (C40)	21.709	1943863	18.565 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 27 Apr 2021 9:09
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

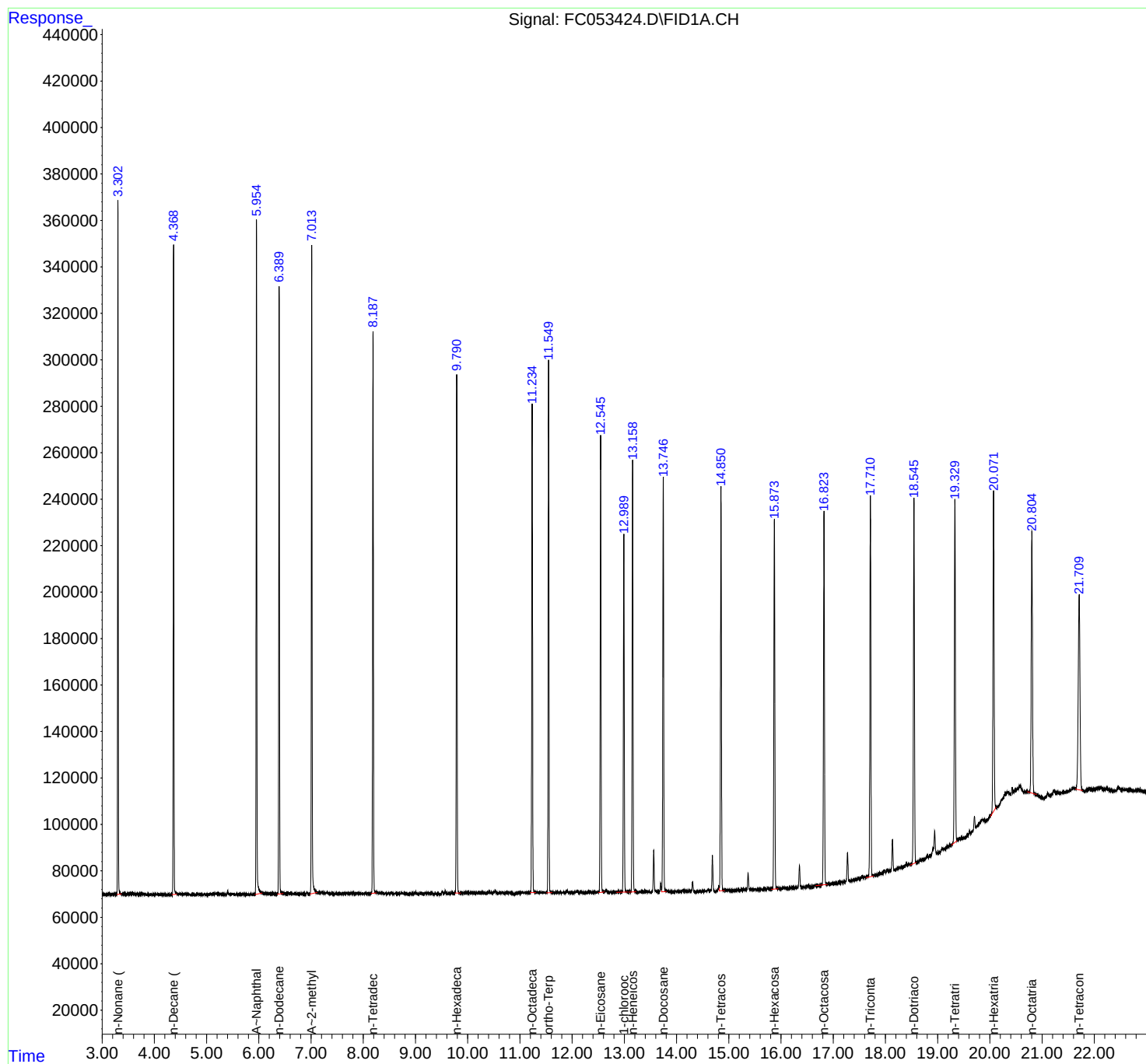
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

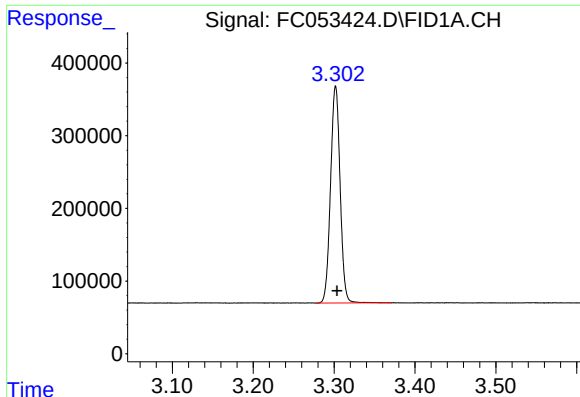
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Integration File: sample.E
Quant Time: Apr 27 14:02:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042021.M
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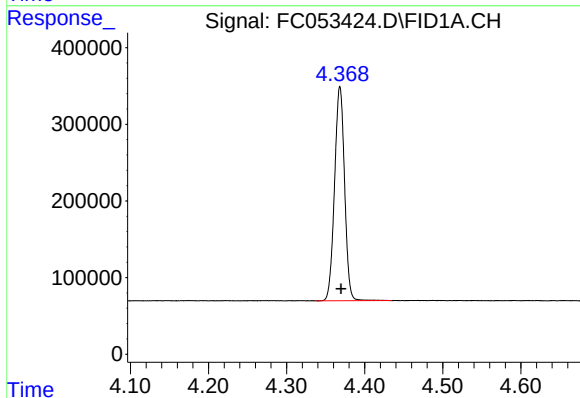
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.002 min
Response: 2449668
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

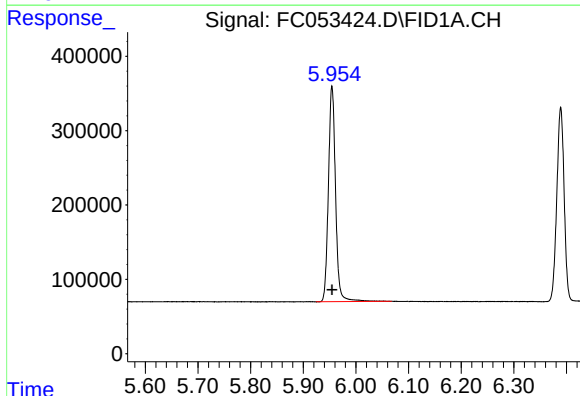
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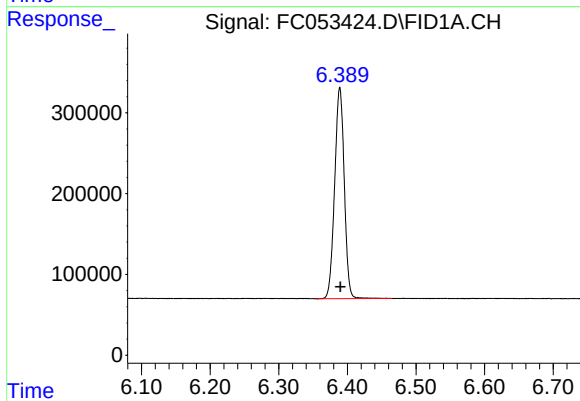
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 2492608
Conc: 21.30 ug/ml



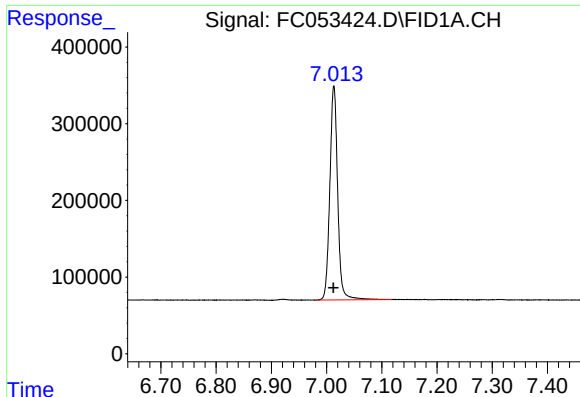
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 2740883
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 2544846
Conc: 21.33 ug/ml



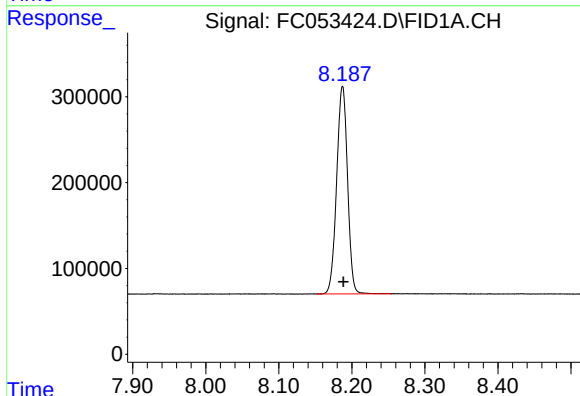
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 2751943
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

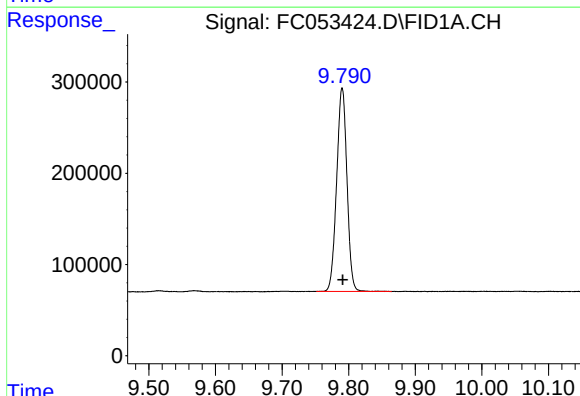
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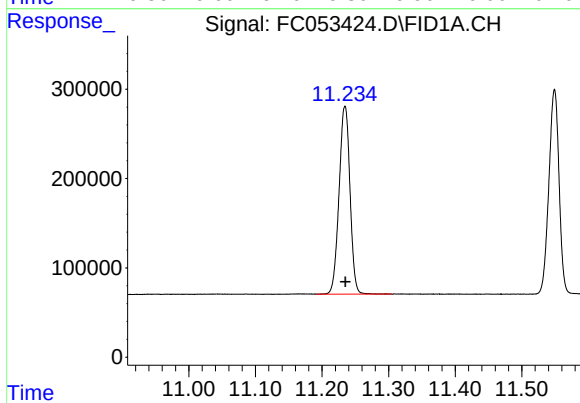
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: -0.001 min
Response: 2507336
Conc: 20.60 ug/ml



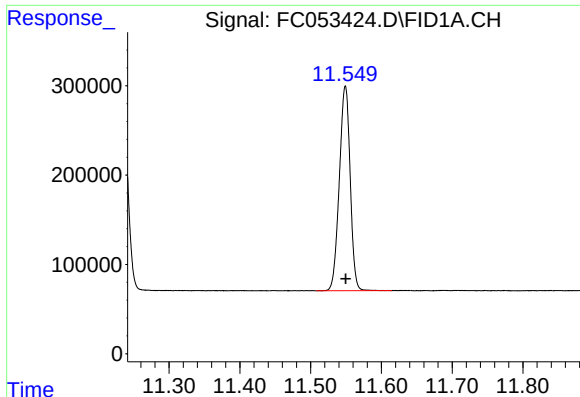
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: 0.000 min
Response: 2404740
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 2395778
Conc: 18.91 ug/ml



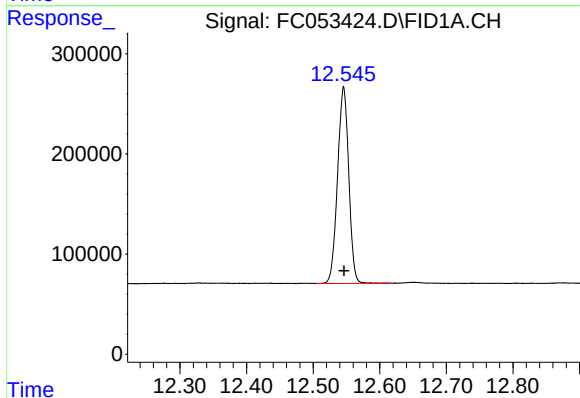
#9 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 2440539
Conc: 17.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

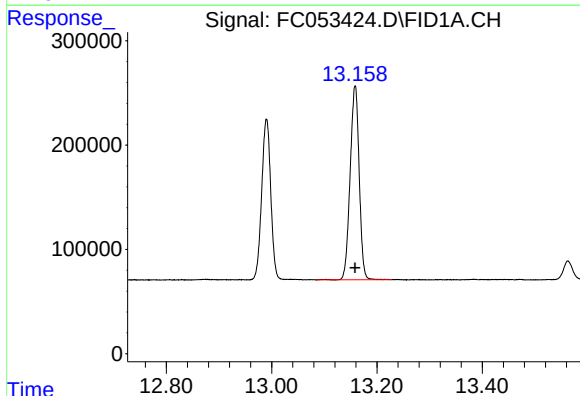
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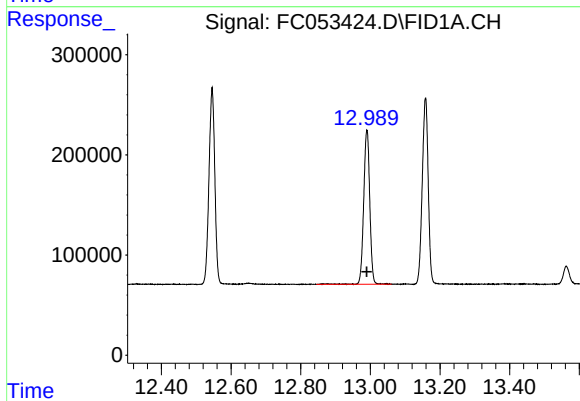
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.000 min
Response: 2288764
Conc: 17.85 ug/ml



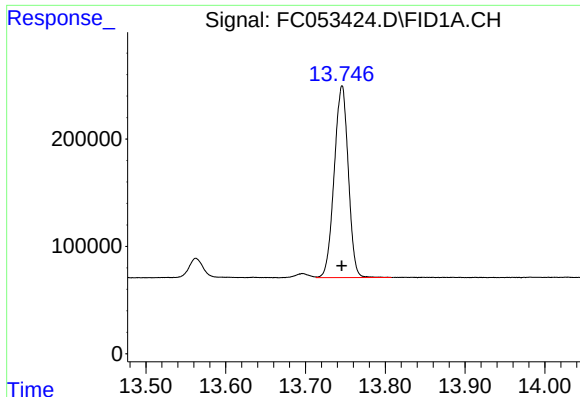
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 2212425
Conc: 17.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 1855691
Conc: 17.15 ug/ml



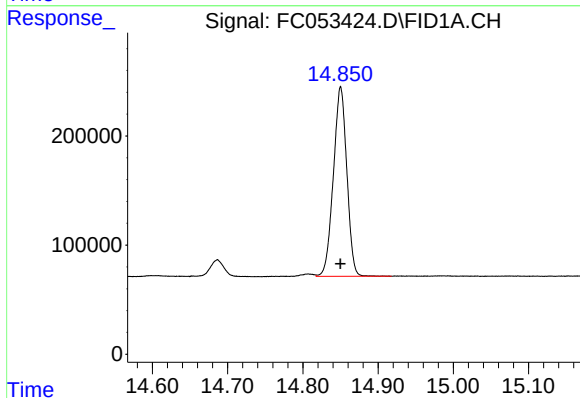
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: 0.000 min
Response: 2190091
Conc: 16.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

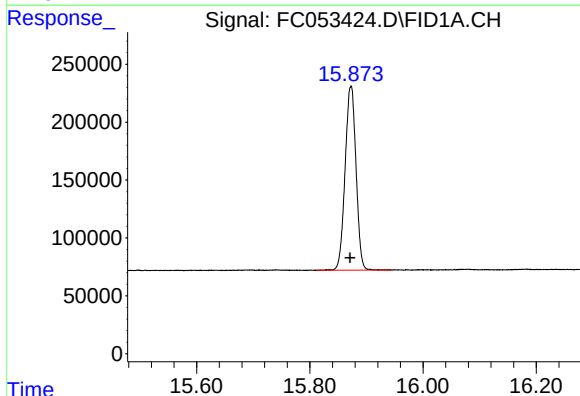
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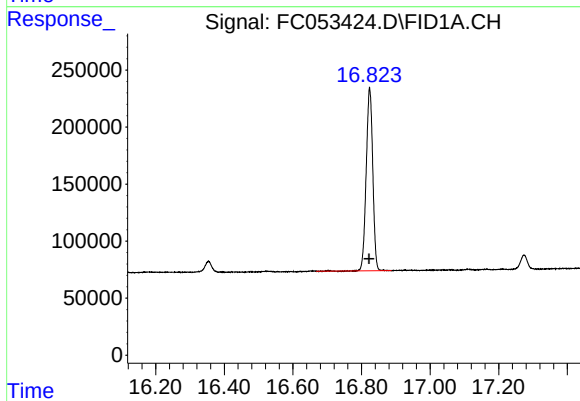
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2152554
Conc: 16.67 ug/ml



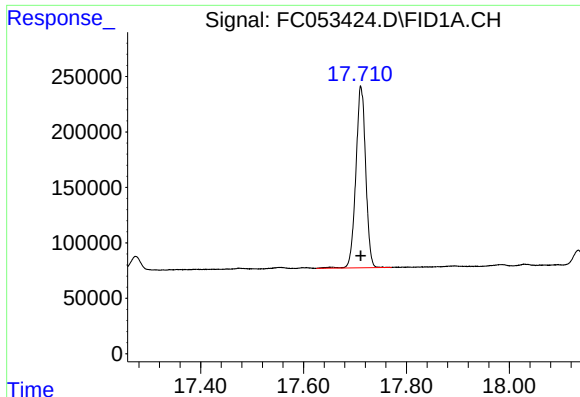
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: 0.001 min
Response: 2129448
Conc: 16.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: 0.002 min
Response: 2118715
Conc: 16.36 ug/ml



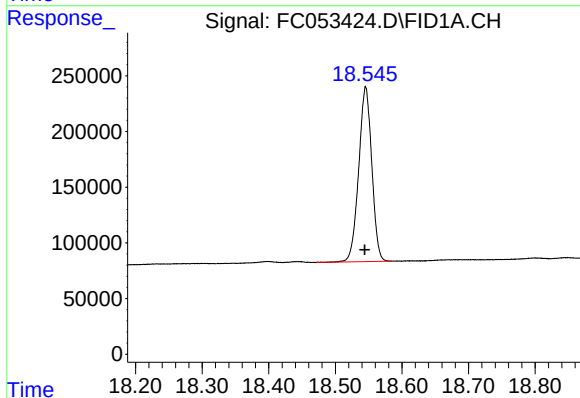
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: 0.001 min
Response: 2172022
Conc: 16.13 ug/ml

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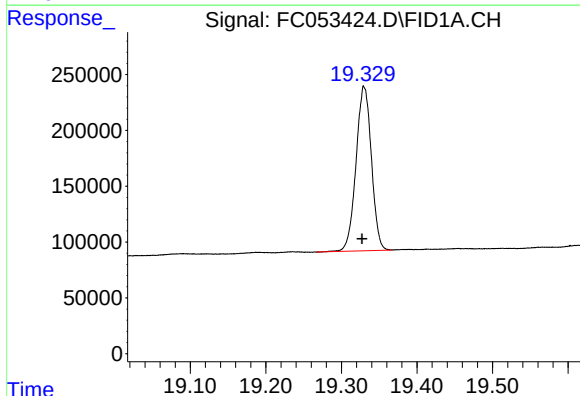
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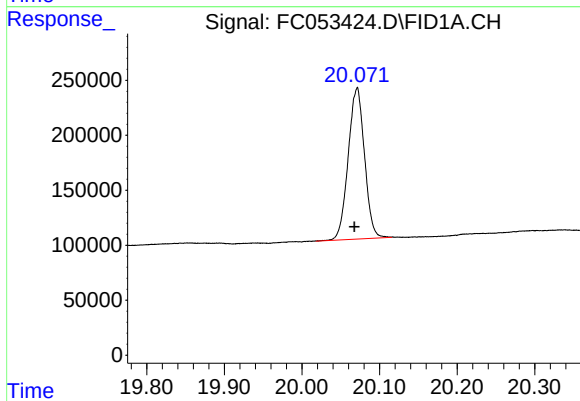
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.002 min
Response: 2138392
Conc: 15.59 ug/ml



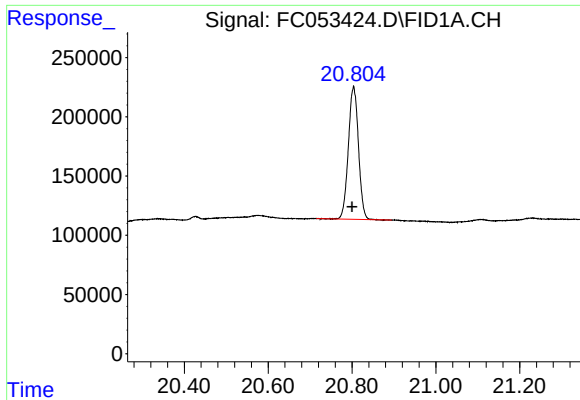
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.001 min
Response: 2078856
Conc: 15.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.003 min
Response: 2008497
Conc: 16.59 ug/ml m



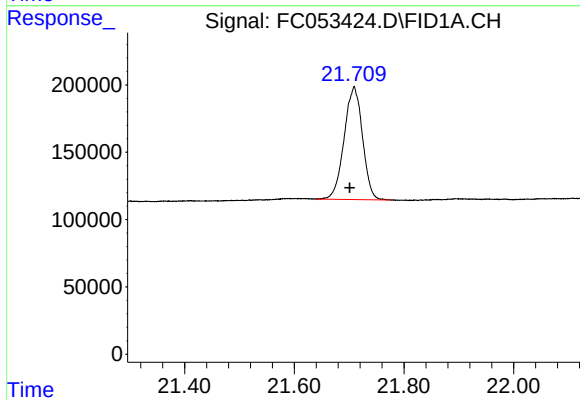
#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.003 min
Response: 1876763
Conc: 17.81 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.008 min
Response: 1943863
Conc: 18.57 ug/ml m