

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050321AL\
 Data File : FC053485.D
 Signal(s) : FID1A.CH
 Acq On : 04 May 2021 1:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Ankita
 5/7/2021 10:29:00 AM

Integration File: sample.E
 Quant Time: May 04 11:50:05 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			
9) S ortho-Terphenyl (SURR)	11.538	2649046	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	12.980	2180215	19.548 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.296	2340631	19.817 ug/ml
2) T n-Decane (C10)	4.361	2352092	19.863 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2567444	19.704 ug/ml
4) T n-Dodecane (C12)	6.380	2384915	19.709 ug/ml
5) T A~2-methylnaphthalene...	7.002	2595446	19.631 ug/ml
6) T n-Tetradecane (C14)	8.178	2396002	19.669 ug/ml
7) T n-Hexadecane (C16)	9.781	2480751	20.255 ug/ml
8) T n-Octadecane (C18)	11.224	2553668	19.608 ug/ml
10) T n-Eicosane (C20)	12.535	2591849	19.582 ug/ml
11) T n-Heneicosane (C21)	13.148	2636310	19.850 ug/ml
13) T n-Docosane (C22)	13.735	2618405	19.685 ug/ml
14) T n-Tetracosane (C24)	14.840	2623081	19.651 ug/ml
15) T n-Hexacosane (C26)	15.862	2607249	19.720 ug/ml
16) T n-Octacosane (C28)	16.813	2512479	19.193 ug/ml
17) T n-Tricontane (C30)	17.701	2556480	19.600 ug/ml
18) T n-Dotriacontane (C32)	18.534	2522980	19.995 ug/ml
19) T n-Tetratriacontane (C34)	19.319	2391953	19.632 ug/ml
20) T n-Hexatriacontane (C36)	20.059	2300782	19.679 ug/mlm
21) T n-Octatriacontane (C38)	20.790	2156219	20.960 ug/ml
22) T n-Tetracontane (C40)	21.690	2004133	20.113 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 12 Sample Multiplier: 1

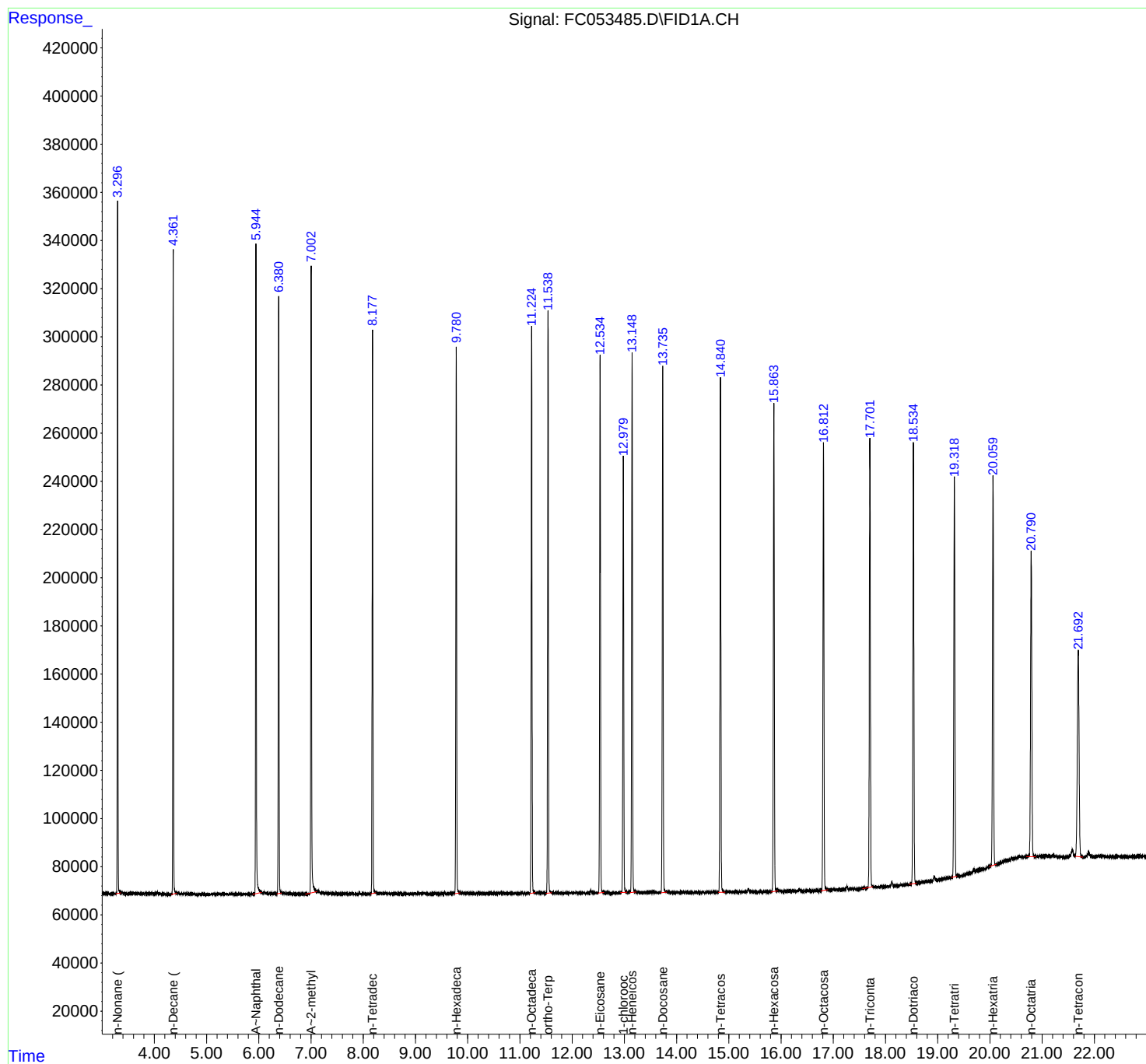
Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

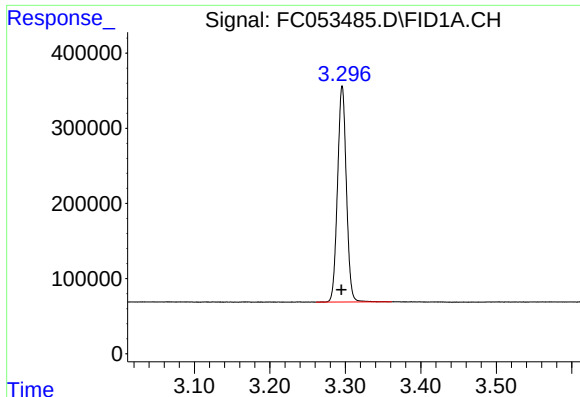
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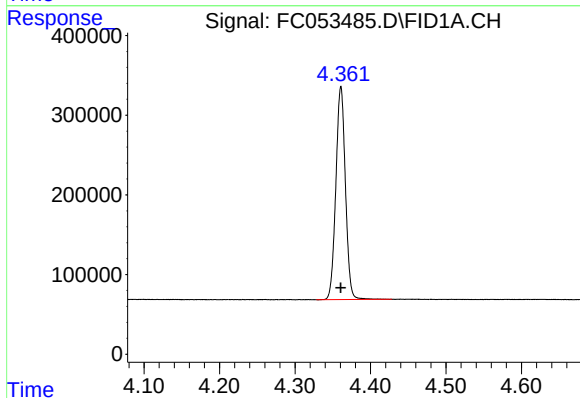
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 2340631
Conc: 19.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV

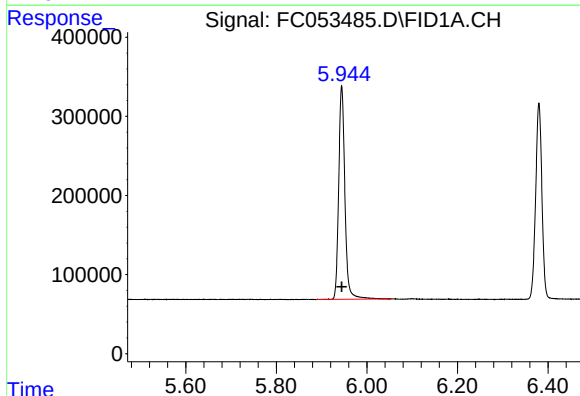
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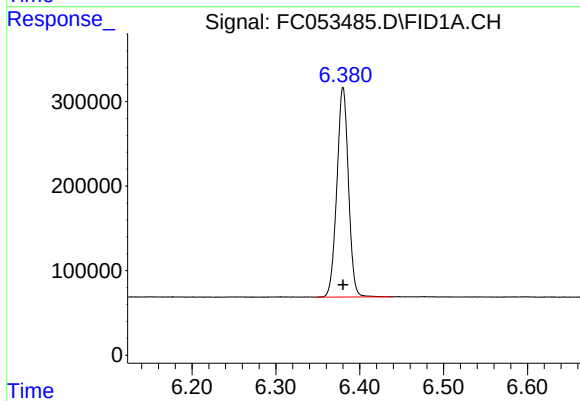
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2352092
Conc: 19.86 ug/ml



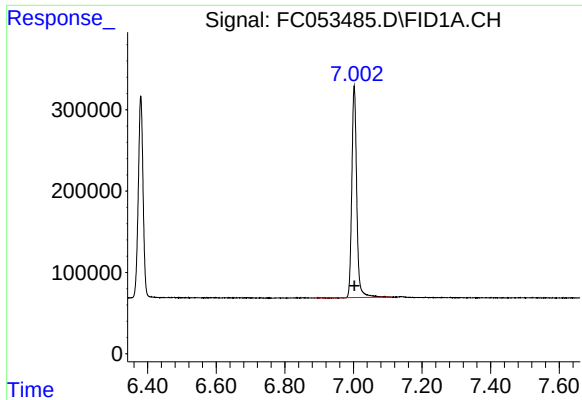
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 2567444
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 2384915
Conc: 19.71 ug/ml



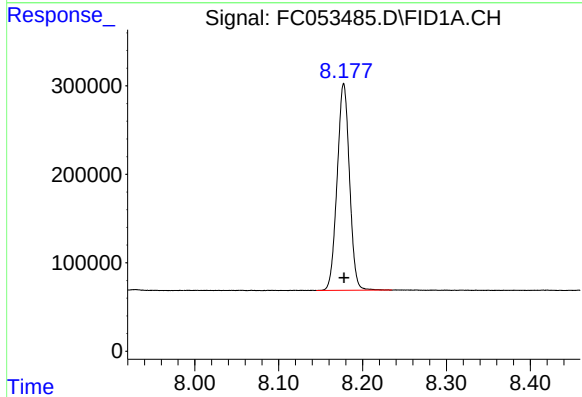
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: 0.000 min
Response: 2595446
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV

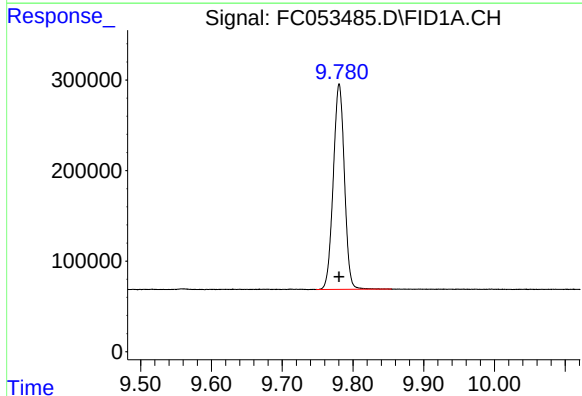
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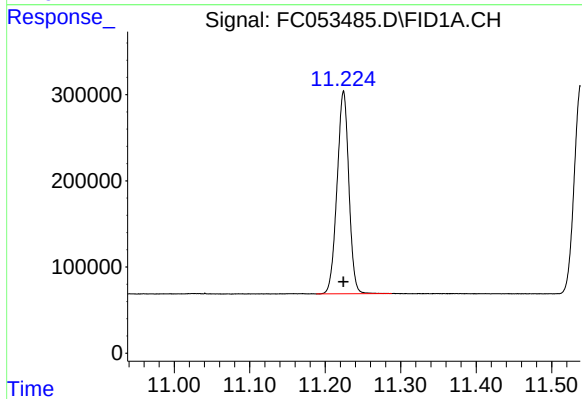
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2396002
Conc: 19.67 ug/ml



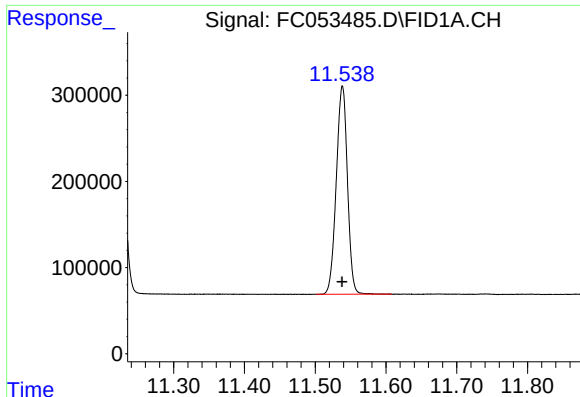
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 2480751
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: 0.000 min
Response: 2553668
Conc: 19.61 ug/ml



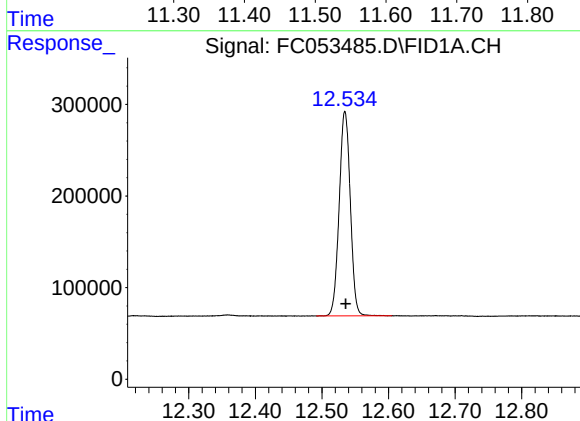
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: 0.000 min
Response: 2649046
Conc: 19.13 ug/ml

Instrument :
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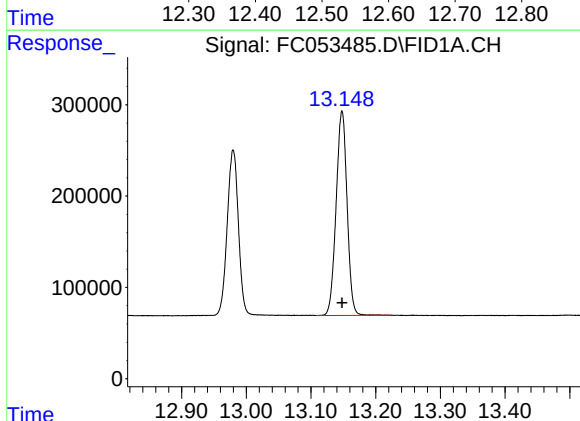
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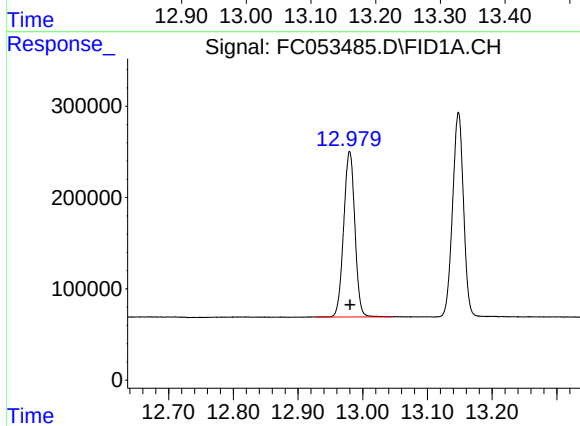
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.001 min
Response: 2591849
Conc: 19.58 ug/ml



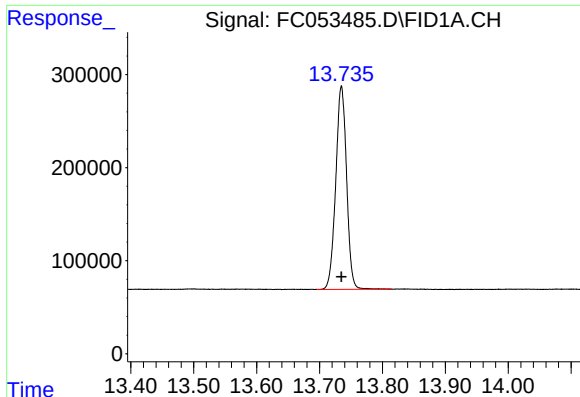
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: 0.000 min
Response: 2636310
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.980 min
Delta R.T.: 0.000 min
Response: 2180215
Conc: 19.55 ug/ml



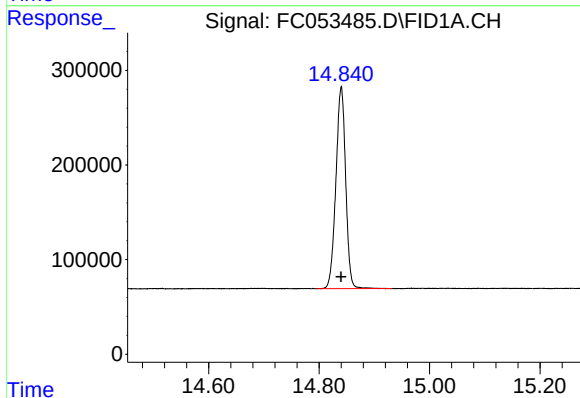
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: 0.000 min
Response: 2618405
Conc: 19.69 ug/ml

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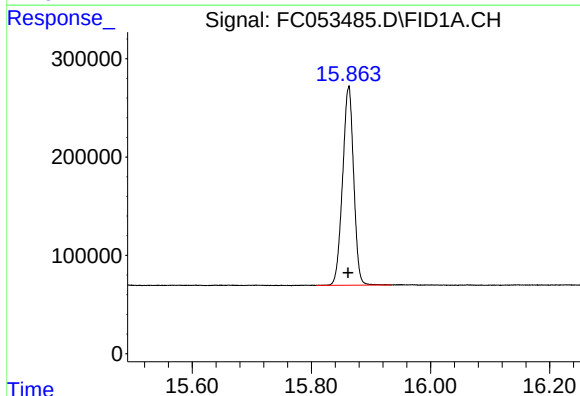
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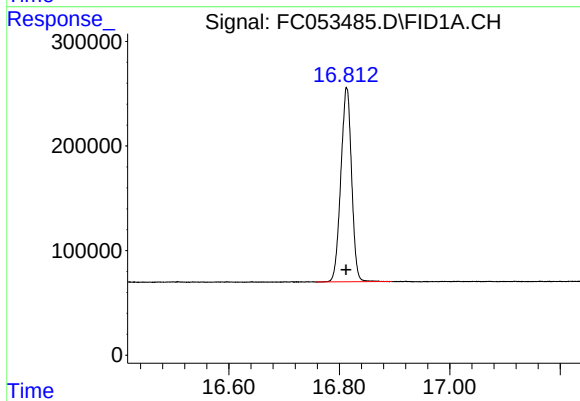
#14 n-Tetracosane (C24)

R.T.: 14.840 min
Delta R.T.: 0.000 min
Response: 2623081
Conc: 19.65 ug/ml



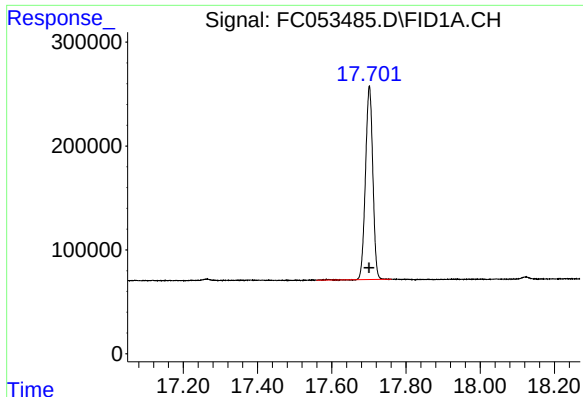
#15 n-Hexacosane (C26)

R.T.: 15.862 min
Delta R.T.: 0.000 min
Response: 2607249
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.813 min
Delta R.T.: 0.000 min
Response: 2512479
Conc: 19.19 ug/ml



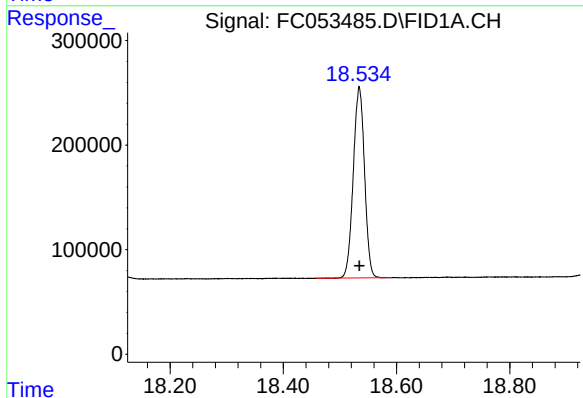
#17 n-Tricontane (C30)

R.T.: 17.701 min
Delta R.T.: 0.000 min
Response: 2556480
Conc: 19.60 ug/ml

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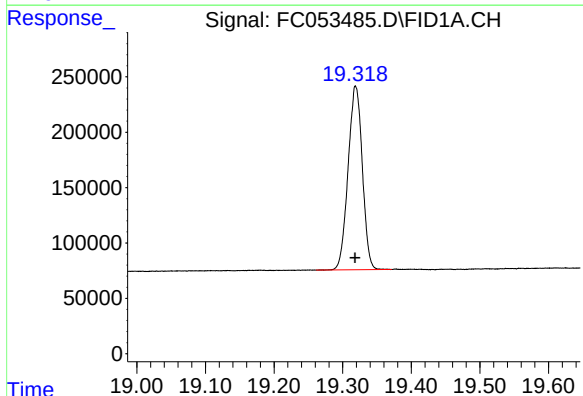
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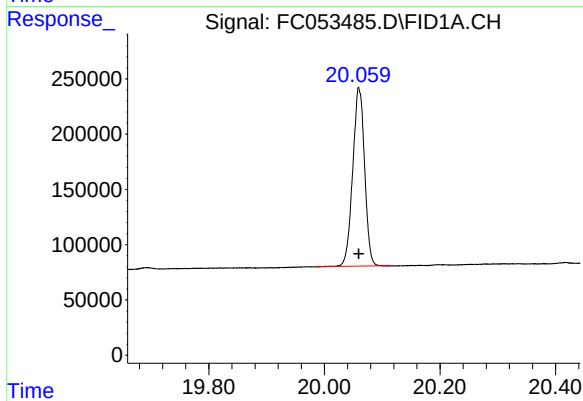
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: 0.000 min
Response: 2522980
Conc: 20.00 ug/ml



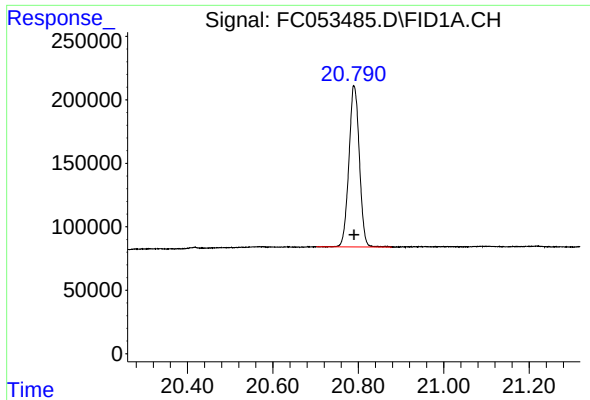
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: 0.000 min
Response: 2391953
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.059 min
Delta R.T.: 0.000 min
Response: 2300782
Conc: 19.68 ug/ml m



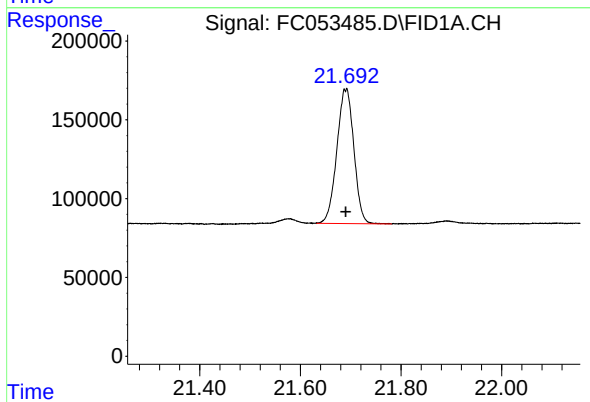
#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: 0.000 min
Response: 2156219
Conc: 20.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: 0.000 min
Response: 2004133
Conc: 20.11 ug/ml