

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042420AL\
 Data File : FC047092.D
 Signal(s) : FID1A.CH
 Acq On : 25 Apr 2020 8:35
 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

Sohil
 4/27/2020 5:06:43 PM

Integration File: sample.E
 Quant Time: Apr 27 00:33:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.751	2191654	19.696 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
12) S 1-chlorooctadecane (S...	13.166	1810152	20.269 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.547	2026336	20.989 ug/ml
2) T n-Decane (C10)	4.612	2028583	21.030 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2165916	21.500 ug/ml
4) T n-Dodecane (C12)	6.616	2087042	21.227 ug/ml
5) T A~2-methylnaphthalene...	7.261	2173608	21.791 ug/ml
6) T n-Tetradecane (C14)	8.397	2106276	21.327 ug/ml
7) T n-Hexadecane (C16)	9.986	2117128	20.999 ug/ml
8) T n-Octadecane (C18)	11.419	2156238	20.887 ug/ml
10) T n-Eicosane (C20)	12.719	2140885	20.403 ug/ml
11) T n-Heneicosane (C21)	13.328	2138929	20.109 ug/ml
13) T n-Docosane (C22)	13.910	2125867	19.978 ug/ml
14) T n-Tetracosane (C24)	15.008	2138574	19.886 ug/ml
15) T n-Hexacosane (C26)	16.023	2078201	19.262 ug/ml
16) T n-Octacosane (C28)	16.968	2020583	18.904 ug/ml
17) T n-Tricontane (C30)	17.851	1877070	18.758 ug/ml
18) T n-Dotriacontane (C32)	18.678	1456563	19.115 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1017346	18.105 ug/ml
20) T n-Hexatriacontane (C36)	20.190	990214	19.788 ug/mlm
21) T n-Octatriacontane (C38)	20.950	836565	18.449 ug/mlm
22) T n-Tetracontane (C40)	21.901	931578	19.859 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

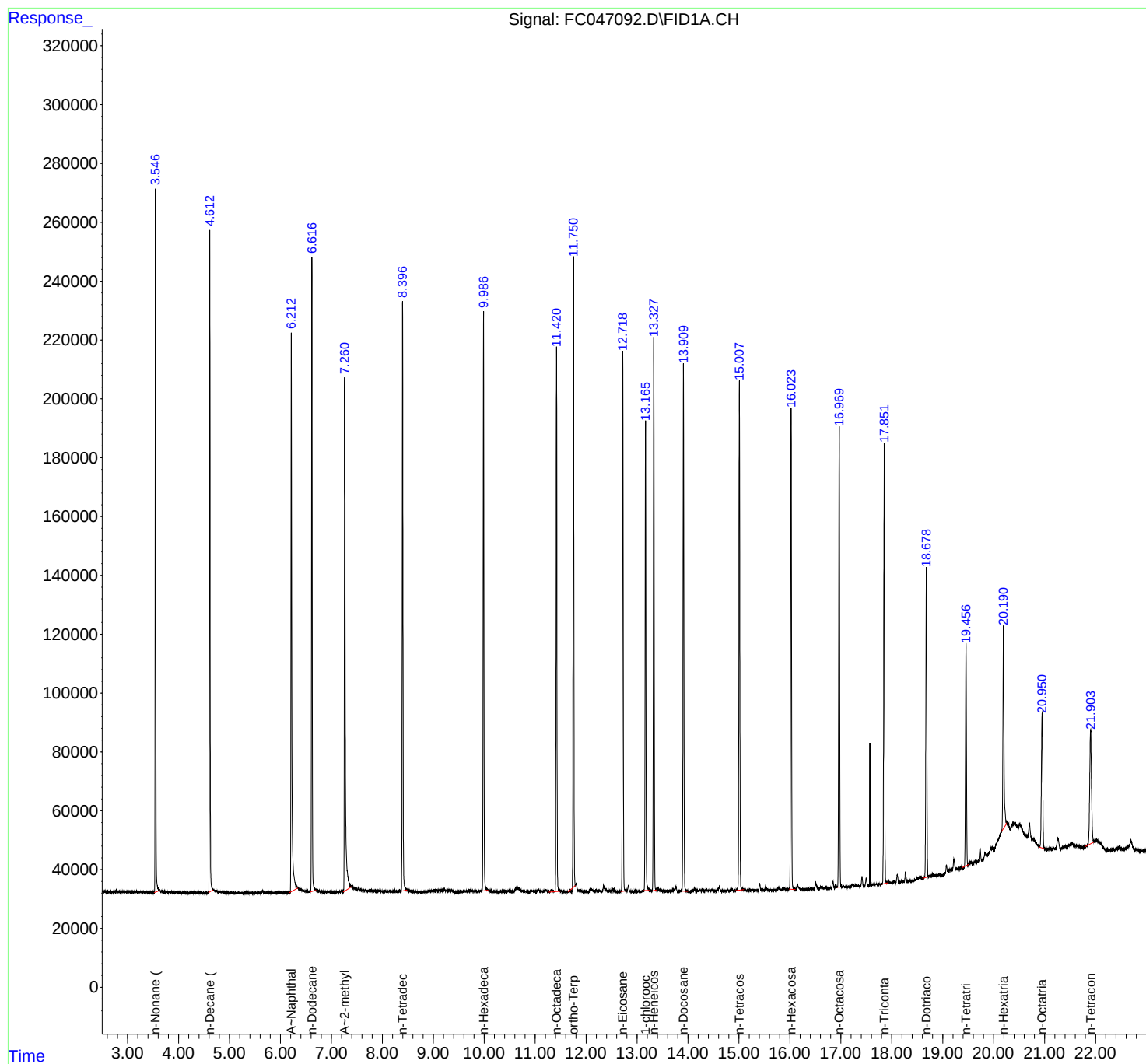
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

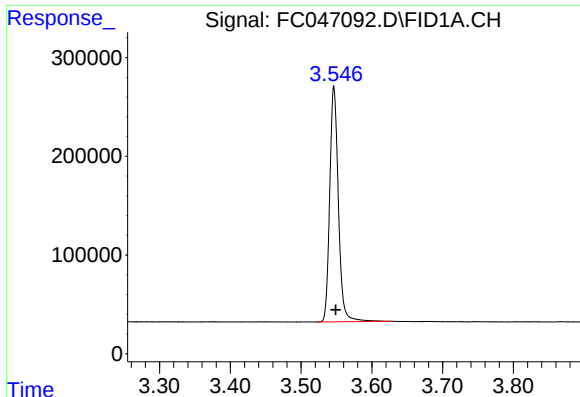
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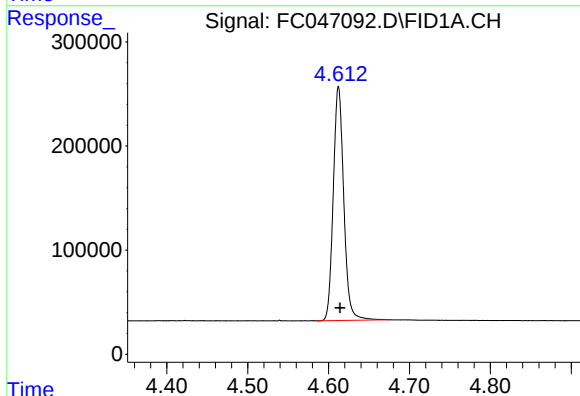
#1 n-Nonane (C9)

R.T.: 3.547 min
Delta R.T.: -0.002 min
Response: 2026336
Conc: 20.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

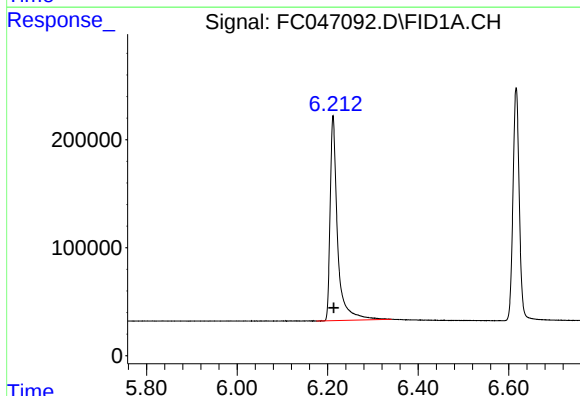
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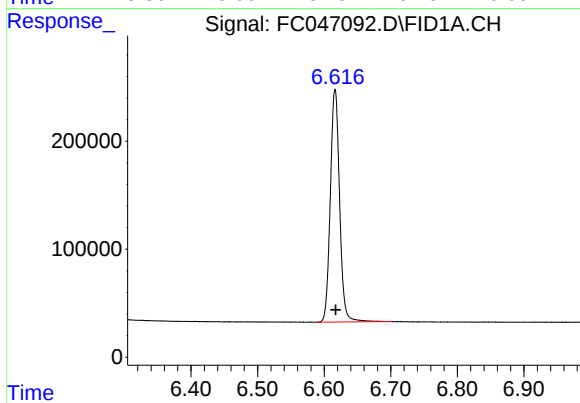
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2028583
Conc: 21.03 ug/ml



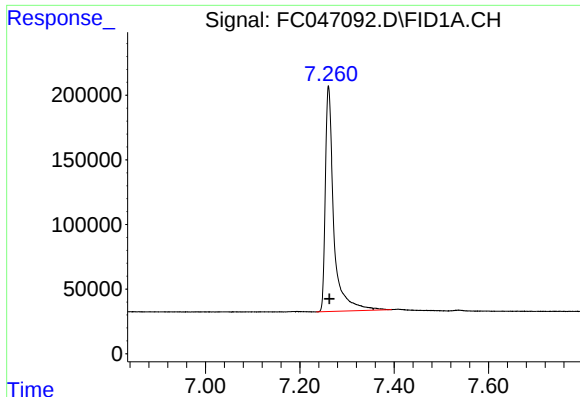
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 2165916
Conc: 21.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2087042
Conc: 21.23 ug/ml



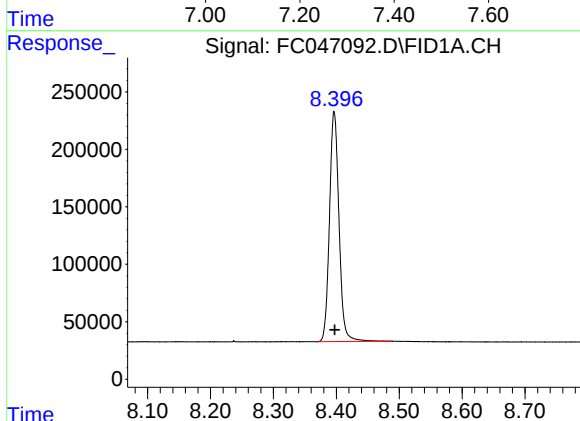
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.001 min
Response: 2173608
Conc: 21.79 ug/ml

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20 PPM ALIPHATIC HC STD

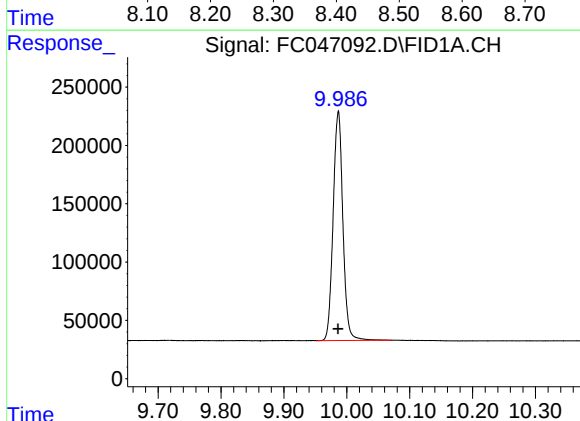
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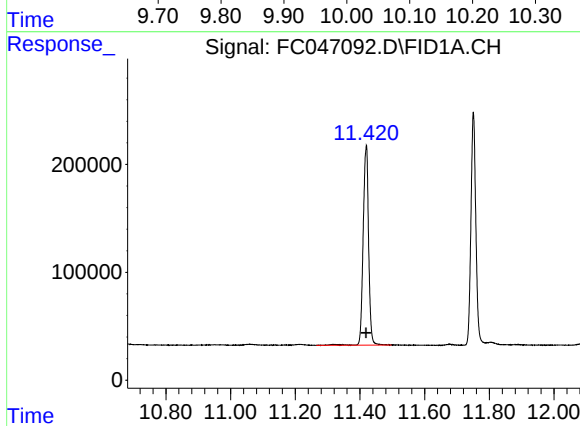
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 2106276
Conc: 21.33 ug/ml



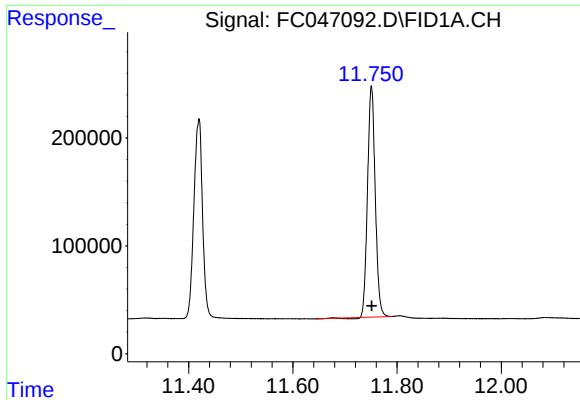
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: 0.000 min
Response: 2117128
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 2156238
Conc: 20.89 ug/ml



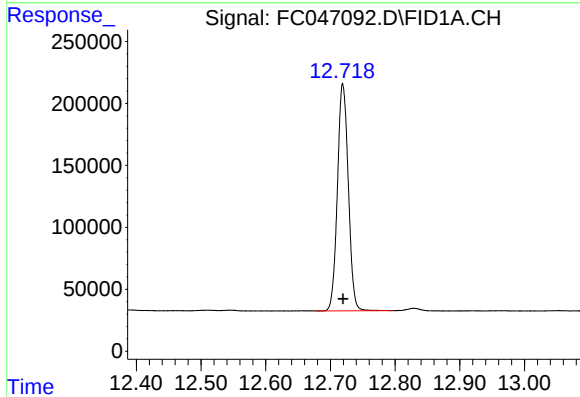
#9 ortho-Terphenyl (SURR)

R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 2191654
Conc: 19.70 ug/ml

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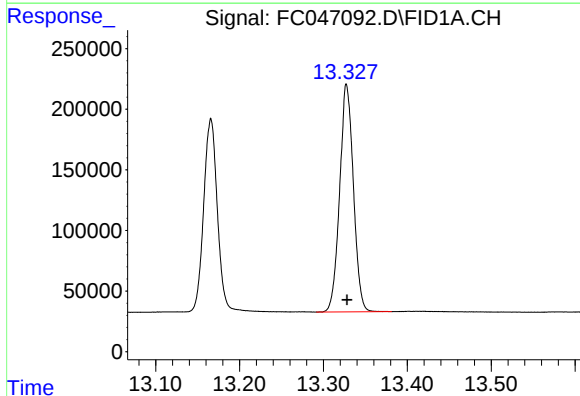
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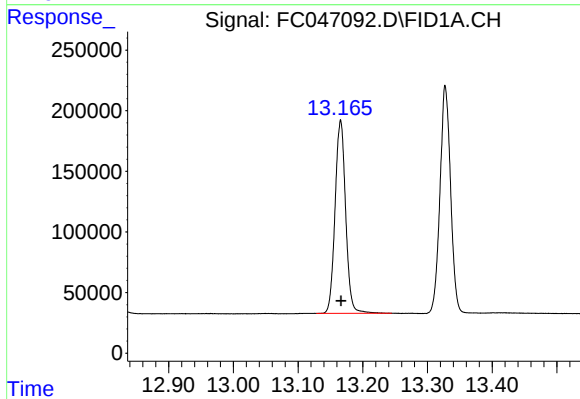
#10 n-Eicosane (C20)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 2140885
Conc: 20.40 ug/ml



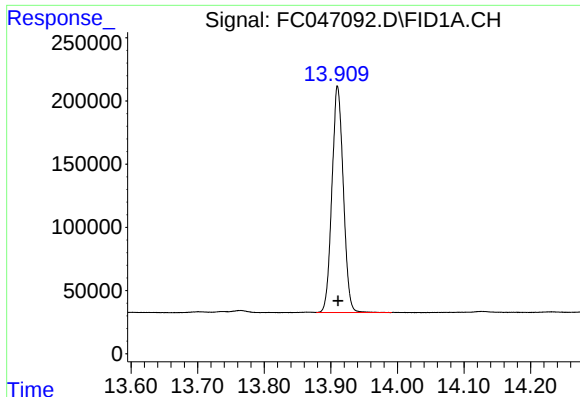
#11 n-Heneicosane (C21)

R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 2138929
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.166 min
Delta R.T.: 0.000 min
Response: 1810152
Conc: 20.27 ug/ml



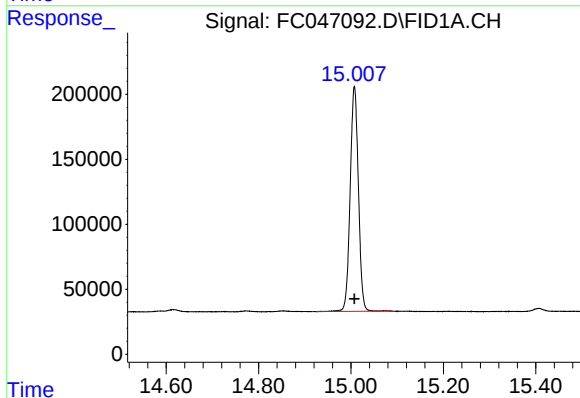
#13 n-Docosane (C22)

R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 2125867
Conc: 19.98 ug/ml

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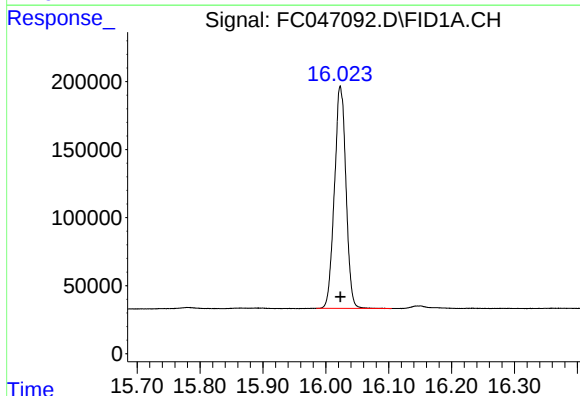
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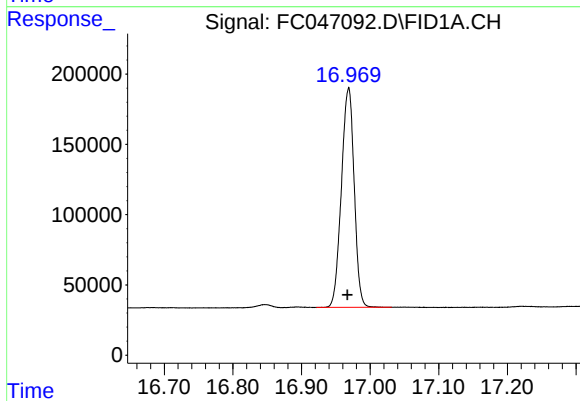
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.000 min
Response: 2138574
Conc: 19.89 ug/ml



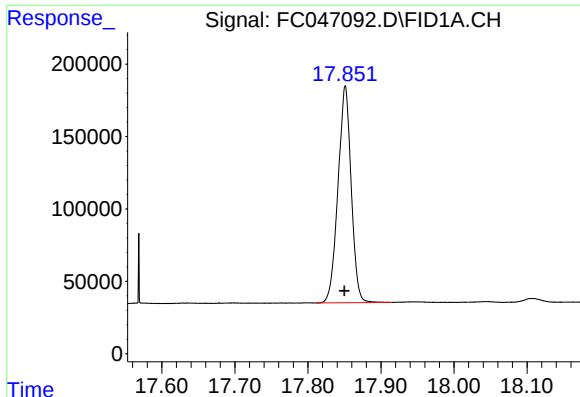
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 2078201
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.968 min
Delta R.T.: 0.001 min
Response: 2020583
Conc: 18.90 ug/ml



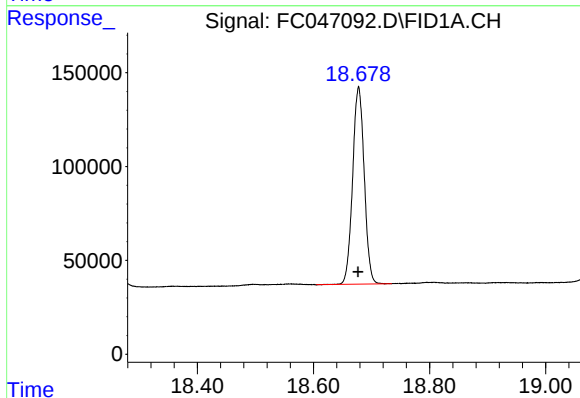
#17 n-Tricontane (C30)

R.T.: 17.851 min
Delta R.T.: 0.001 min
Response: 1877070
Conc: 18.76 ug/ml

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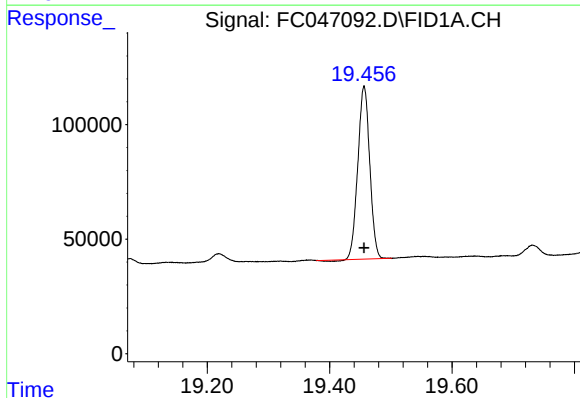
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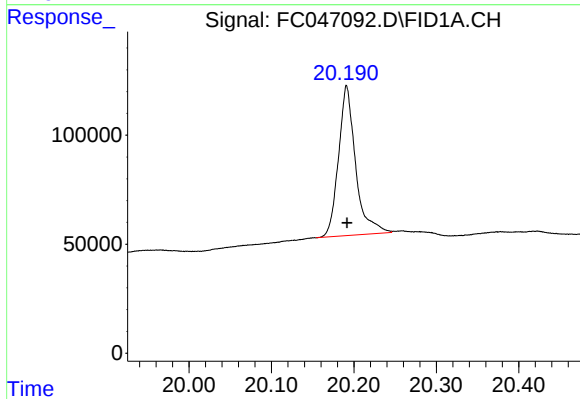
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: 0.000 min
Response: 1456563
Conc: 19.11 ug/ml



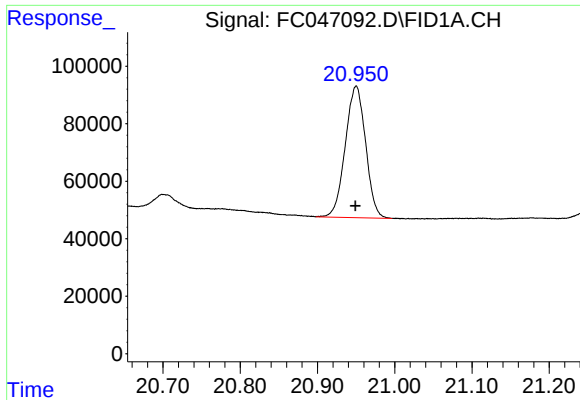
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.000 min
Response: 1017346
Conc: 18.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.190 min
Delta R.T.: -0.001 min
Response: 990214
Conc: 19.79 ug/ml m



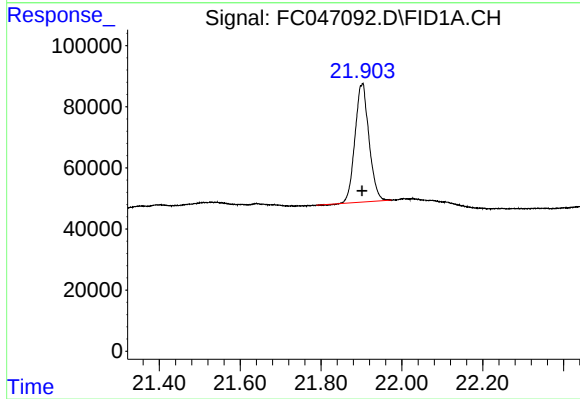
#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.001 min
Response: 836565
Conc: 18.45 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 931578
Conc: 19.86 ug/ml