

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042420AL\
 Data File : FC047112.D
 Signal(s) : FID1A.CH
 Acq On : 25 Apr 2020 21:23
 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 5:06:57 PM

Integration File: sample.E
 Quant Time: Apr 27 00:46:42 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)	11.754	2246497	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	13.168	1769606	19.815 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T n-Nonane (C9)	3.552	2008195	20.801 ug/ml
2) T n-Decane (C10)	4.618	2025209	20.995 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2117260	21.017 ug/ml
4) T n-Dodecane (C12)	6.621	2070825	21.062 ug/ml
5) T A~2-methylnaphthalene...	7.266	2119730	21.251 ug/ml
6) T n-Tetradecane (C14)	8.401	2076641	21.027 ug/ml
7) T n-Hexadecane (C16)	9.989	2091256	20.742 ug/ml
8) T n-Octadecane (C18)	11.421	2108063	20.420 ug/ml
10) T n-Eicosane (C20)	12.722	2100232	20.016 ug/ml
11) T n-Heneicosane (C21)	13.331	2105788	19.797 ug/ml
13) T n-Docosane (C22)	13.913	2083204	19.578 ug/ml
14) T n-Tetracosane (C24)	15.009	2077636	19.319 ug/ml
15) T n-Hexacosane (C26)	16.024	2015488	18.681 ug/ml
16) T n-Octacosane (C28)	16.968	1952717	18.269 ug/ml
17) T n-Tricontane (C30)	17.850	1802050	18.008 ug/ml
18) T n-Dotriacontane (C32)	18.679	1359637	17.843 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1002792	17.846 ug/ml
20) T n-Hexatriacontane (C36)	20.192	874461	17.474 ug/ml
21) T n-Octatriacontane (C38)	20.952	809233	17.846 ug/mlm
22) T n-Tetracontane (C40)	21.904	994722	21.205 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 25 Apr 2020 21:23
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

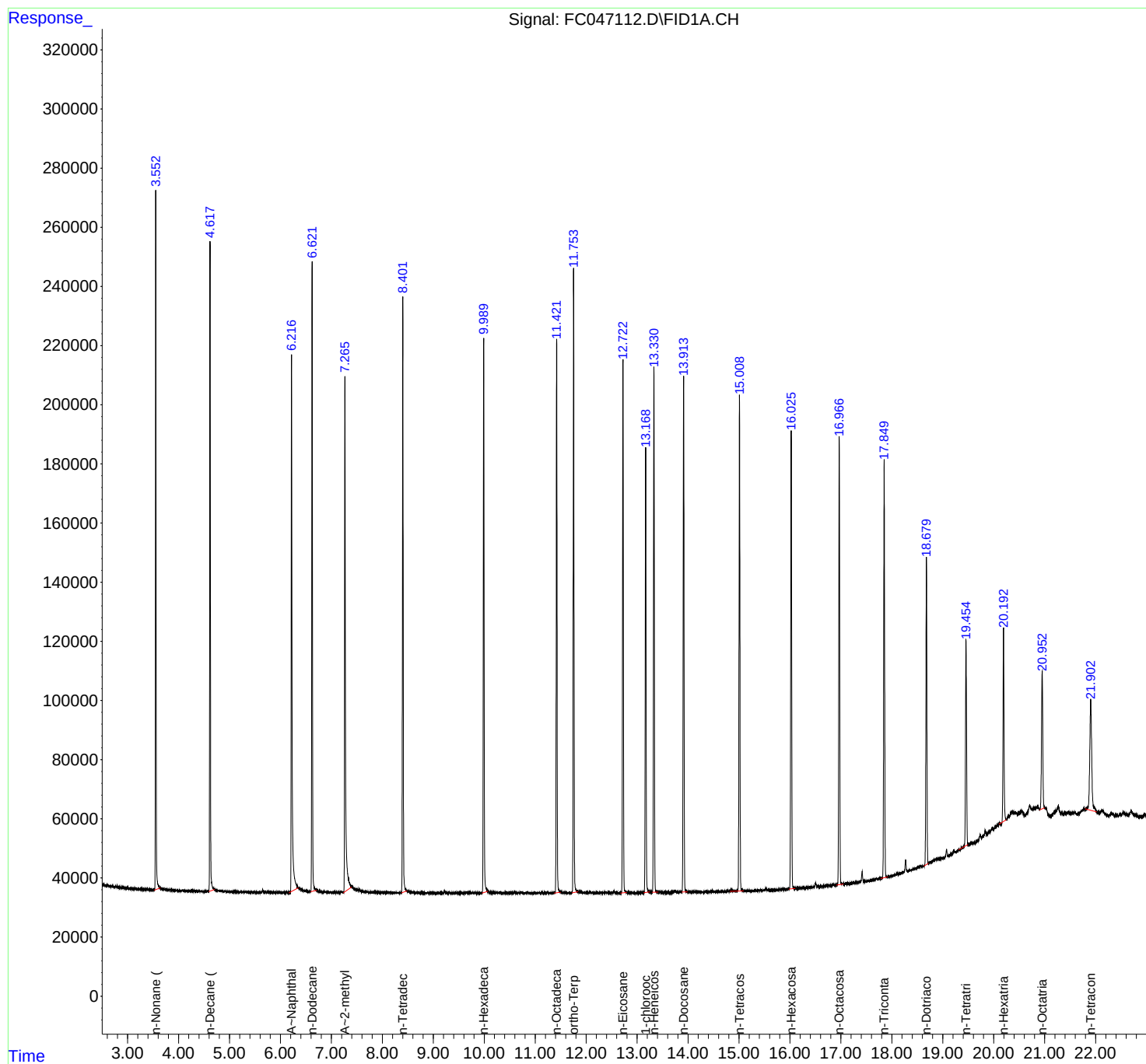
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

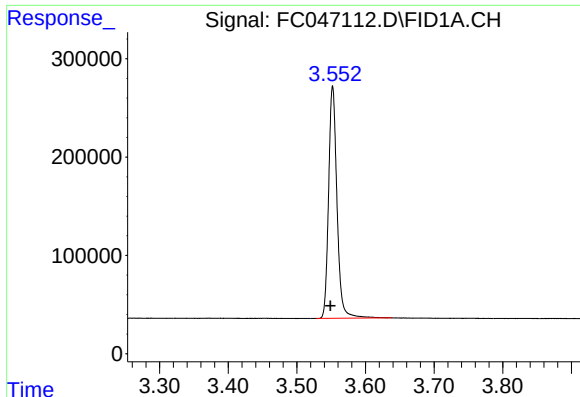
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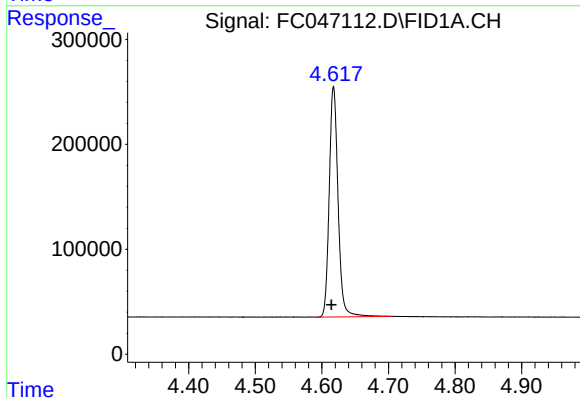
#1 n-Nonane (C9)

R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2008195
Conc: 20.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

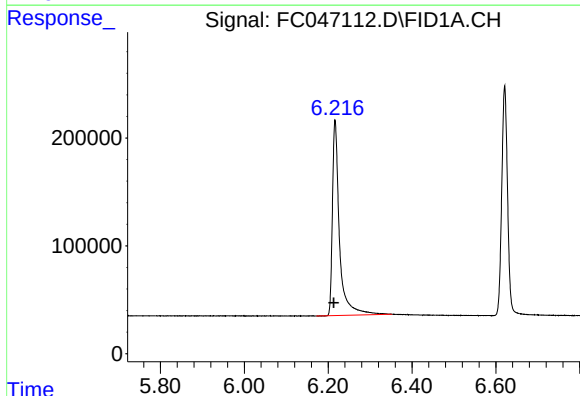
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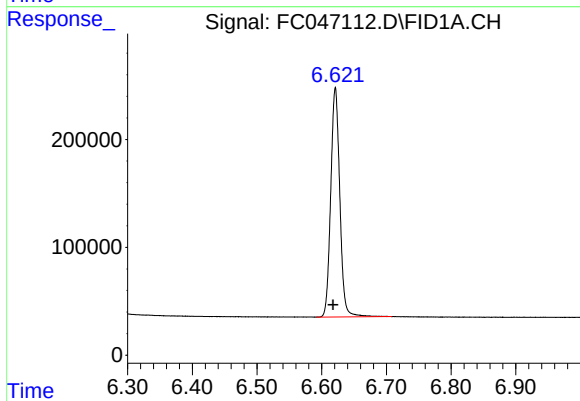
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.003 min
Response: 2025209
Conc: 20.99 ug/ml



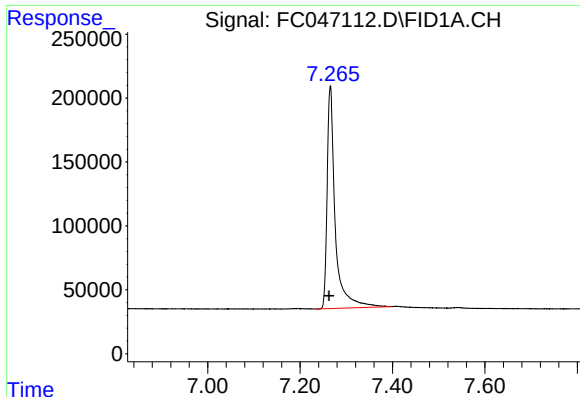
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.003 min
Response: 2117260
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.004 min
Response: 2070825
Conc: 21.06 ug/ml



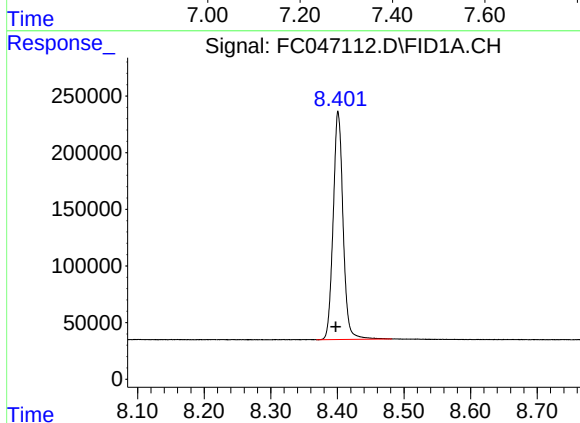
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.003 min
Response: 2119730
Conc: 21.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

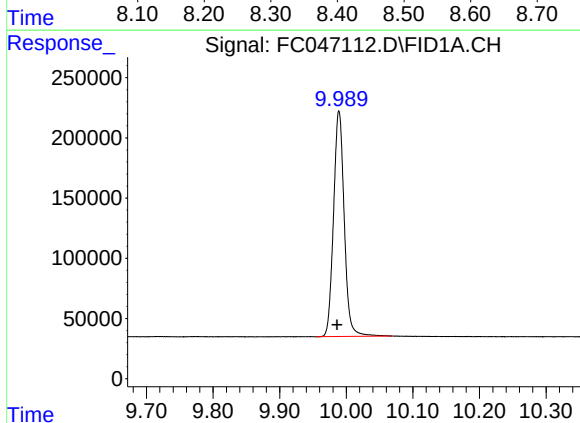
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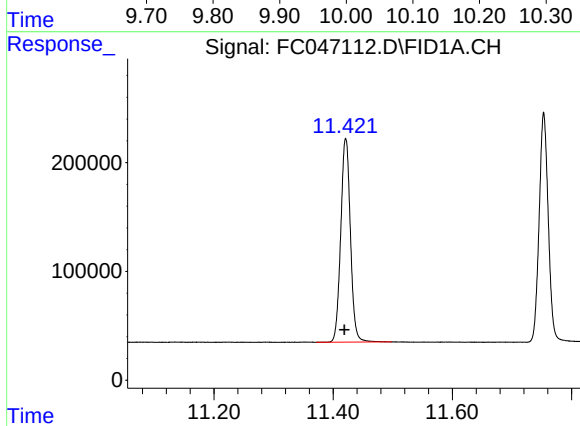
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 2076641
Conc: 21.03 ug/ml



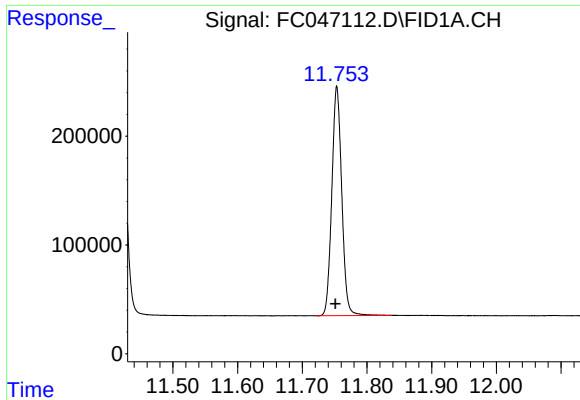
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.003 min
Response: 2091256
Conc: 20.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.421 min
Delta R.T.: 0.002 min
Response: 2108063
Conc: 20.42 ug/ml



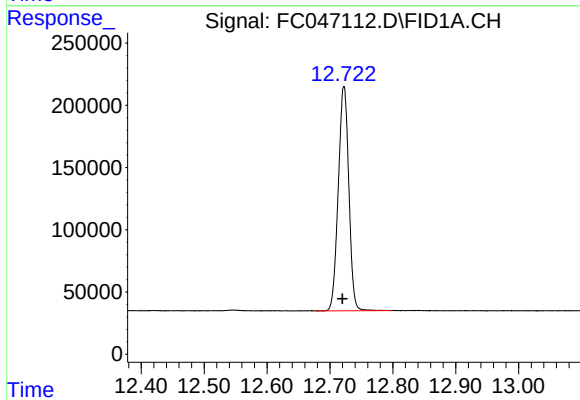
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min
Delta R.T.: 0.002 min
Response: 2246497
Conc: 20.19 ug/ml

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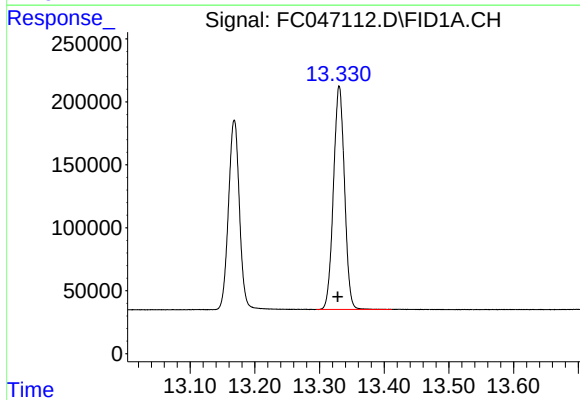
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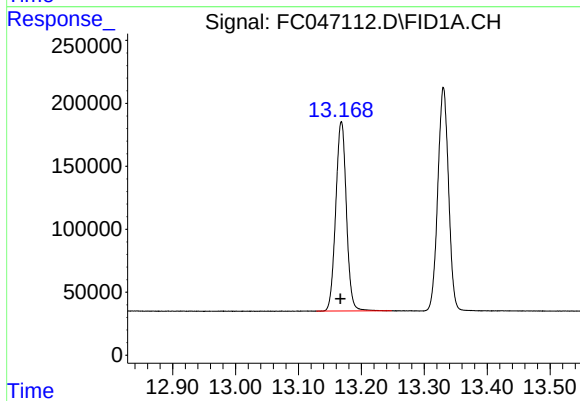
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: 0.002 min
Response: 2100232
Conc: 20.02 ug/ml



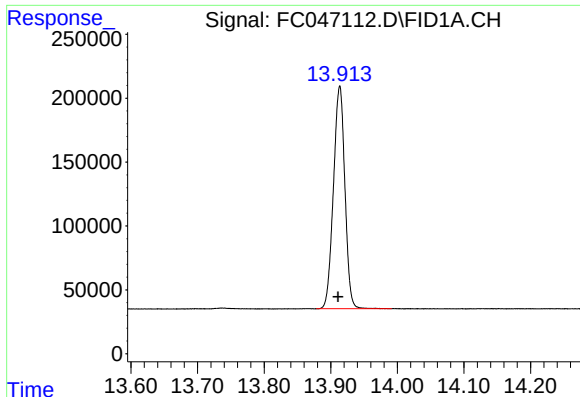
#11 n-Heneicosane (C21)

R.T.: 13.331 min
Delta R.T.: 0.002 min
Response: 2105788
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.168 min
Delta R.T.: 0.002 min
Response: 1769606
Conc: 19.82 ug/ml



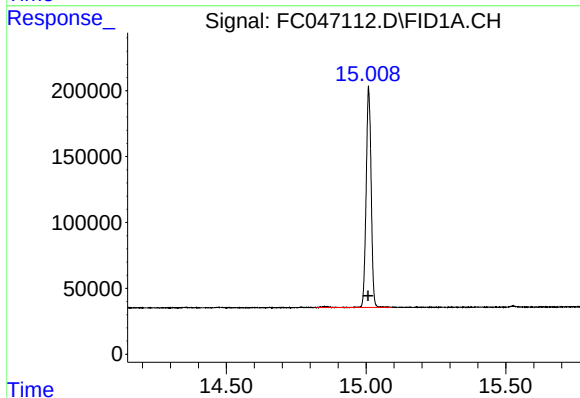
#13 n-Docosane (C22)

R.T.: 13.913 min
Delta R.T.: 0.003 min
Response: 2083204
Conc: 19.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

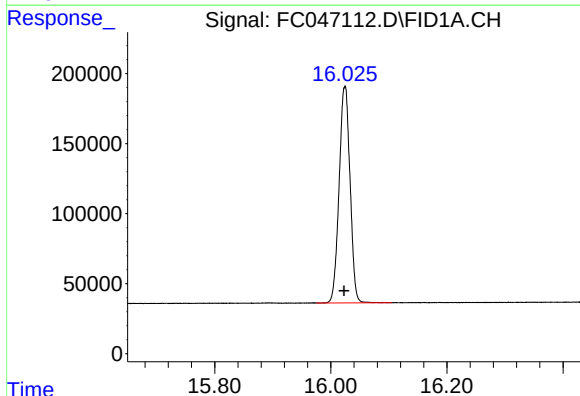
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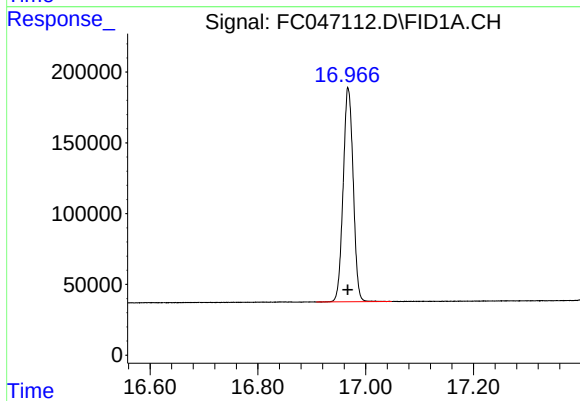
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.002 min
Response: 2077636
Conc: 19.32 ug/ml



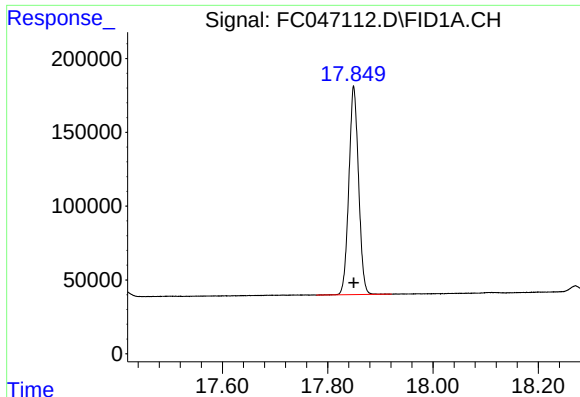
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.001 min
Response: 2015488
Conc: 18.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.968 min
Delta R.T.: 0.001 min
Response: 1952717
Conc: 18.27 ug/ml



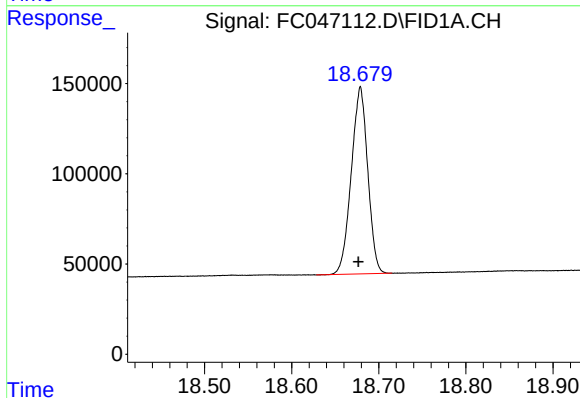
#17 n-Tricontane (C30)

R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 1802050
Conc: 18.01 ug/ml

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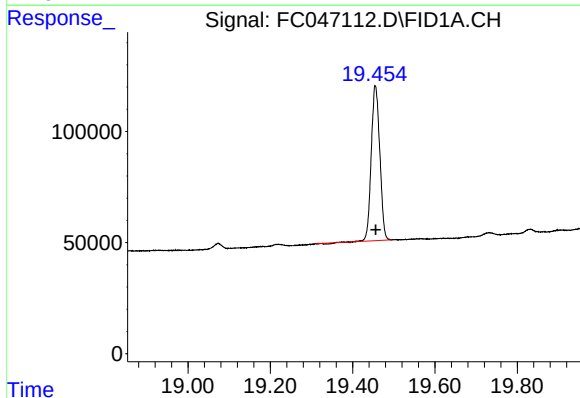
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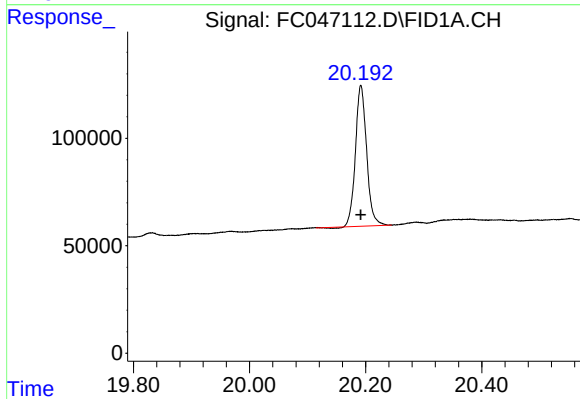
#18 n-Dotriacontane (C32)

R.T.: 18.679 min
Delta R.T.: 0.002 min
Response: 1359637
Conc: 17.84 ug/ml



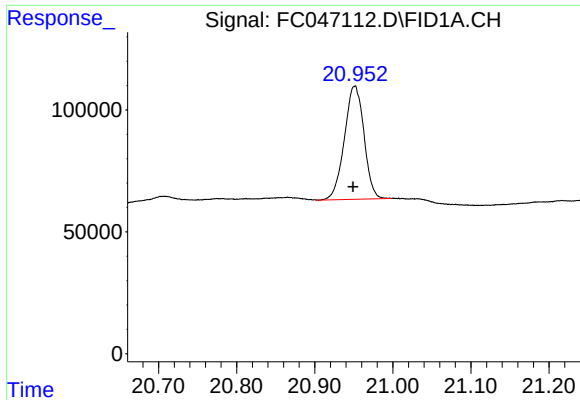
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.000 min
Response: 1002792
Conc: 17.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 874461
Conc: 17.47 ug/ml



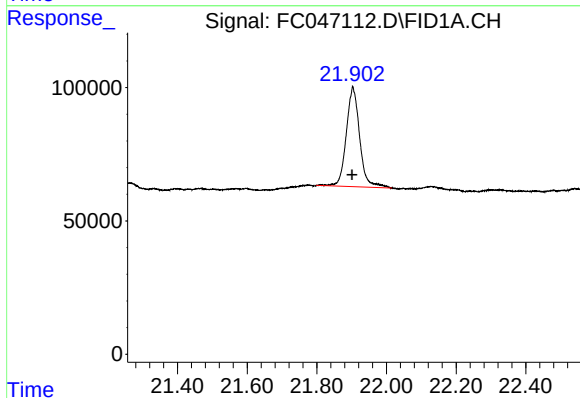
#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.003 min
Response: 809233
Conc: 17.85 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: 0.002 min
Response: 994722
Conc: 21.20 ug/ml