

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011720AL\
 Data File : FC045392.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jan 2020 23:45
 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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 1/20/2020 10:42:17 AM

Integration File: sample.E
 Quant Time: Jan 18 02:39:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.762	2271977	20.032 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.183	1752766	19.657 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.516	2190792	21.757 ug/ml
2) T n-Decane (C10)	4.590	2239561	22.200 ug/ml
3) T A~Naphthalene (C11.7)	6.193	2464134	21.990 ug/ml
4) T n-Dodecane (C12)	6.607	2268783	22.290 ug/ml
5) T A~2-methylnaphthalene...	7.247	2464654	21.866 ug/ml
6) T n-Tetradecane (C14)	8.397	2259498	22.168 ug/ml
7) T n-Hexadecane (C16)	9.993	2248728	21.842 ug/ml
8) T n-Octadecane (C18)	11.431	2216455	21.313 ug/ml
10) T n-Eicosane (C20)	12.736	2166169	20.705 ug/ml
11) T n-Heneicosane (C21)	13.346	2117192	20.019 ug/ml
13) T n-Docosane (C22)	13.931	2128164	20.128 ug/ml
14) T n-Tetracosane (C24)	15.032	2133461	19.968 ug/ml
15) T n-Hexacosane (C26)	16.051	2199223	20.621 ug/ml
16) T n-Octacosane (C28)	16.996	2227256	21.090 ug/ml
17) T n-Tricontane (C30)	17.883	2135358	20.948 ug/ml
18) T n-Dotriacontane (C32)	18.713	1800369	20.811 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1541429	21.041 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1333502	20.292 ug/mlm
21) T n-Octatriacontane (C38)	20.999	1424567	24.120 ug/mlm
22) T n-Tetracontane (C40)	21.968	1249531	21.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 17 Jan 2020 23:45
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

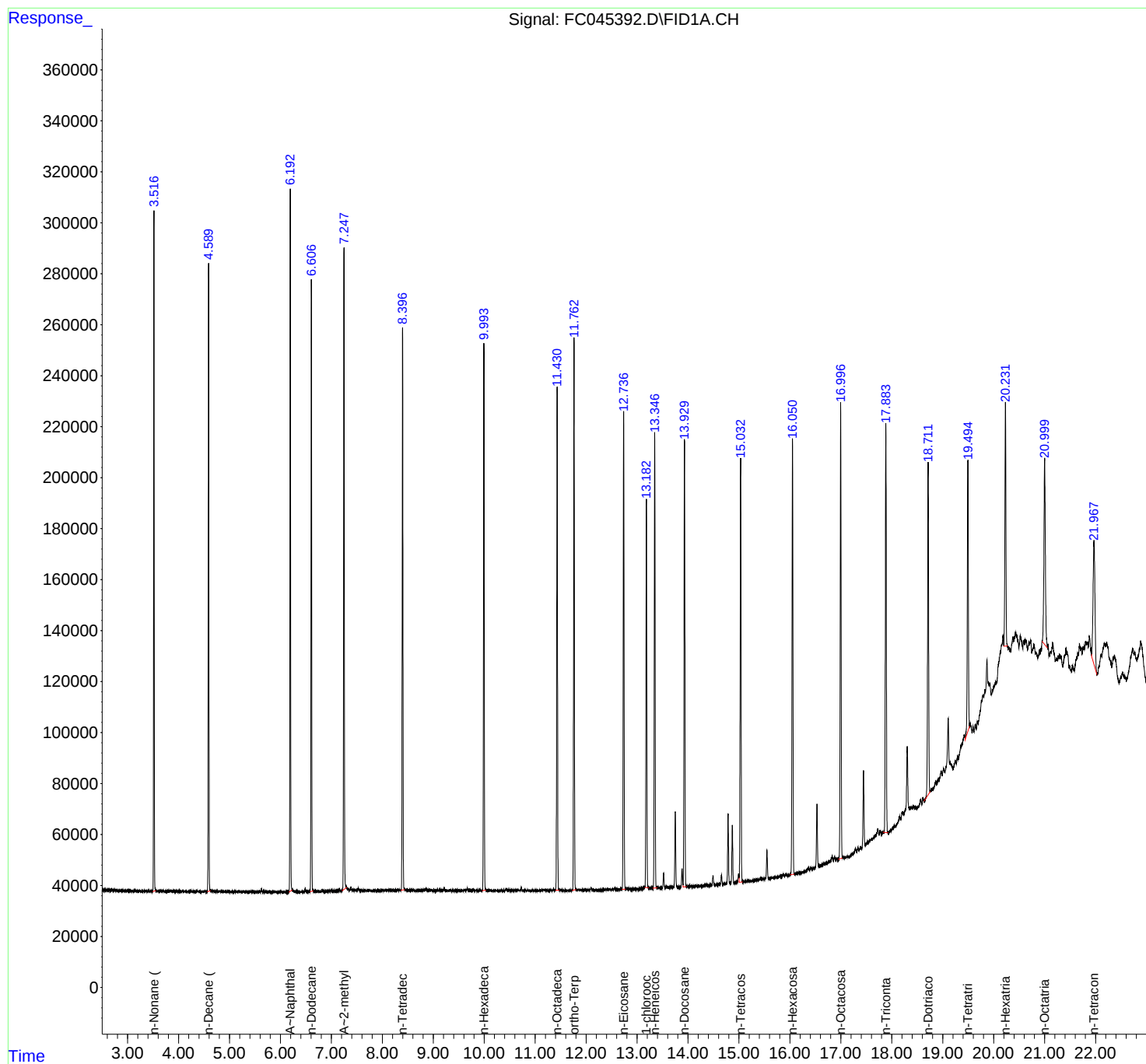
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

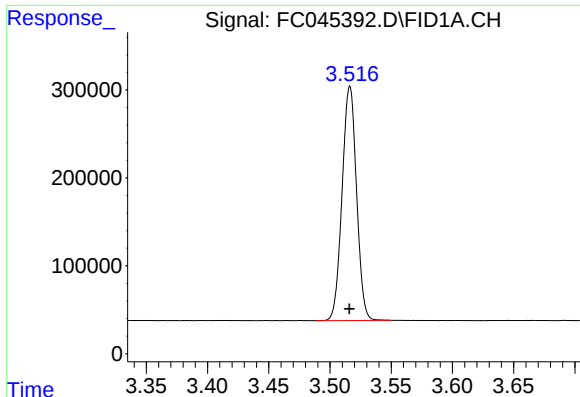
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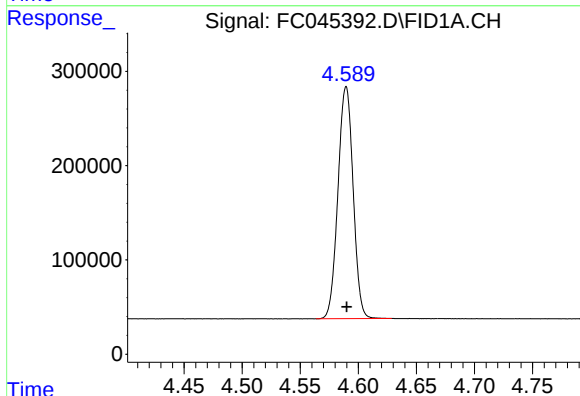
#1 n-Nonane (C9)

R.T.: 3.516 min
Delta R.T.: 0.000 min
Response: 2190792
Conc: 21.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

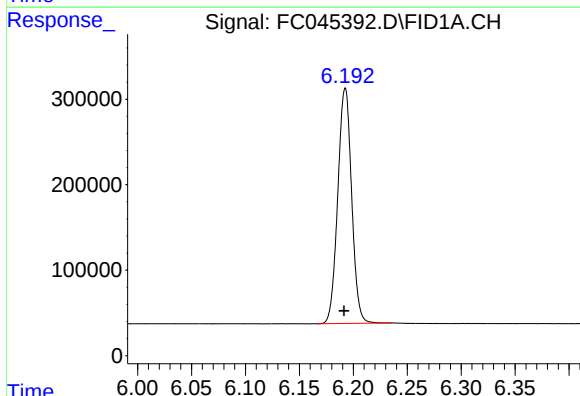
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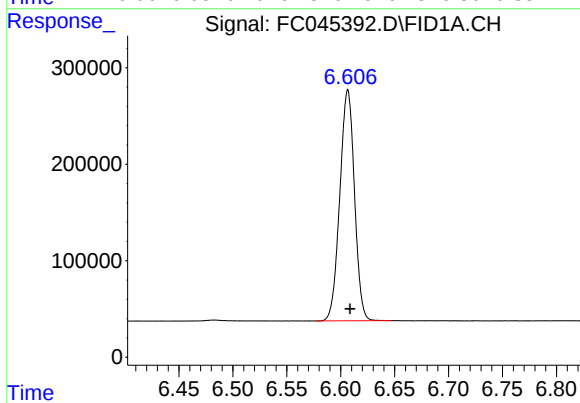
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 2239561
Conc: 22.20 ug/ml



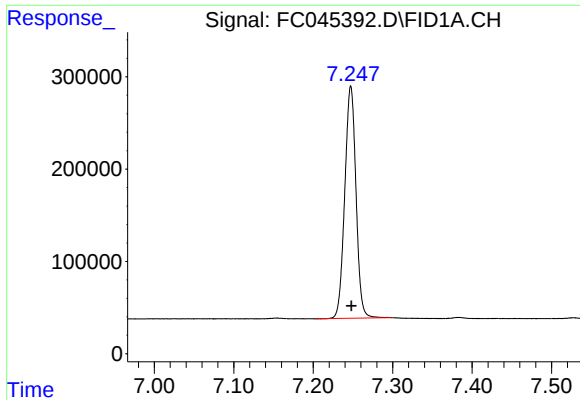
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 2464134
Conc: 21.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 2268783
Conc: 22.29 ug/ml



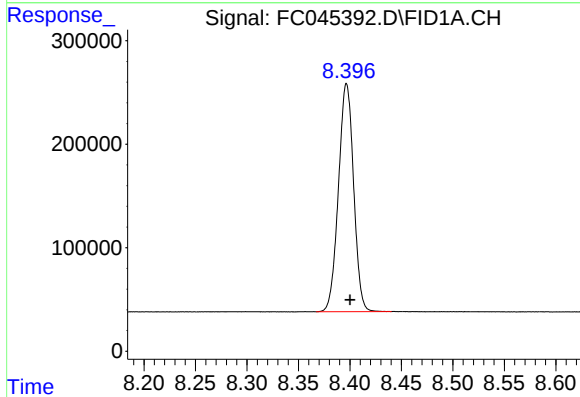
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 2464654
Conc: 21.87 ug/ml

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20 PPM ALIPHATIC HC STD

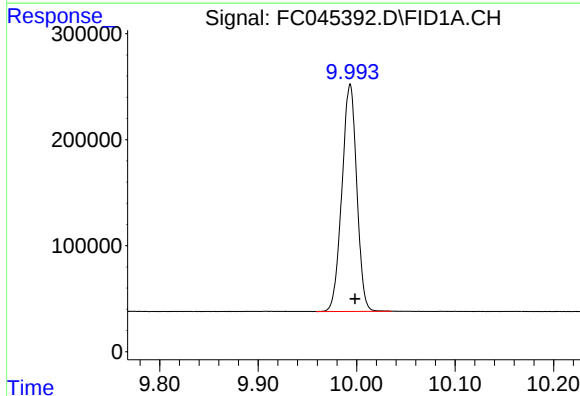
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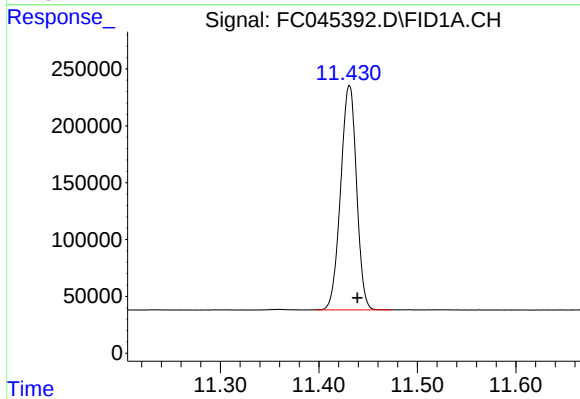
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 2259498
Conc: 22.17 ug/ml



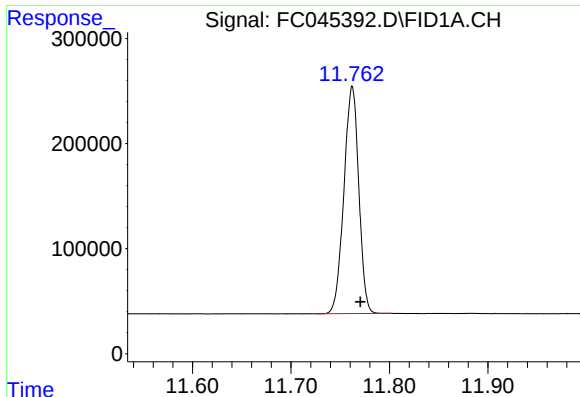
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2248728
Conc: 21.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: -0.008 min
Response: 2216455
Conc: 21.31 ug/ml



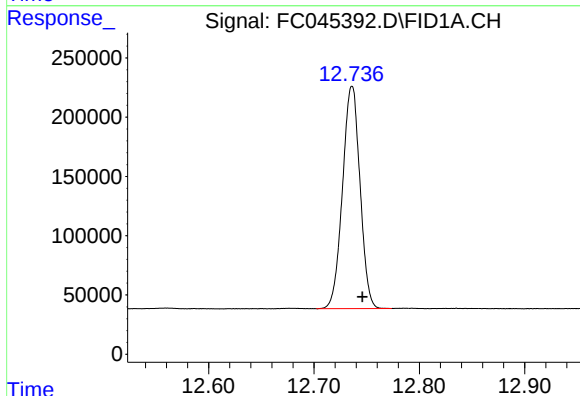
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min
Delta R.T.: -0.008 min
Response: 2271977
Conc: 20.03 ug/ml

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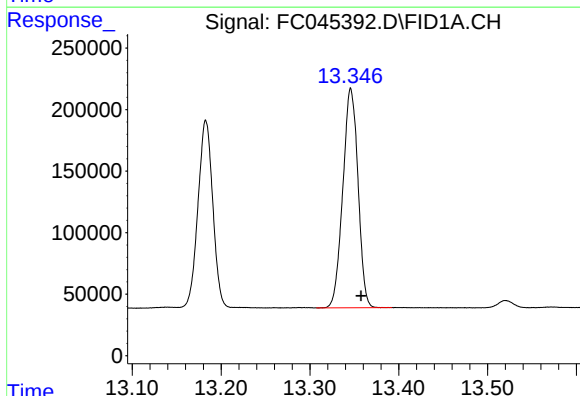
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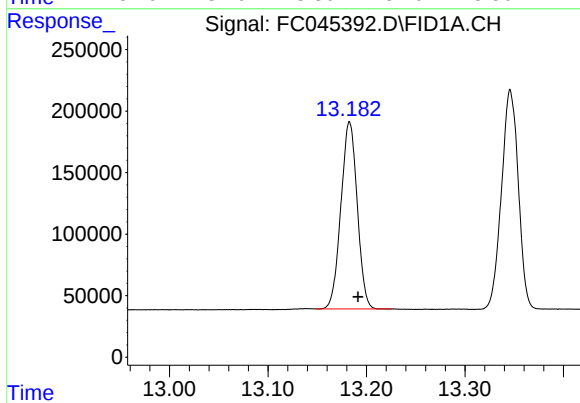
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.010 min
Response: 2166169
Conc: 20.70 ug/ml



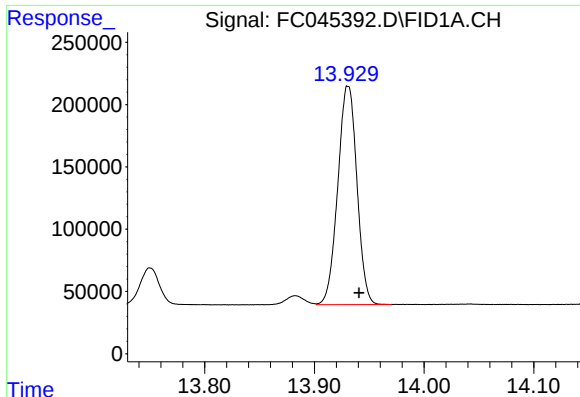
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.011 min
Response: 2117192
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: -0.009 min
Response: 1752766
Conc: 19.66 ug/ml



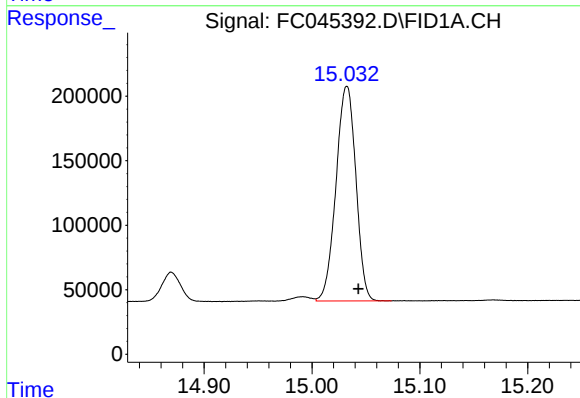
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: -0.010 min
Response: 2128164
Conc: 20.13 ug/ml

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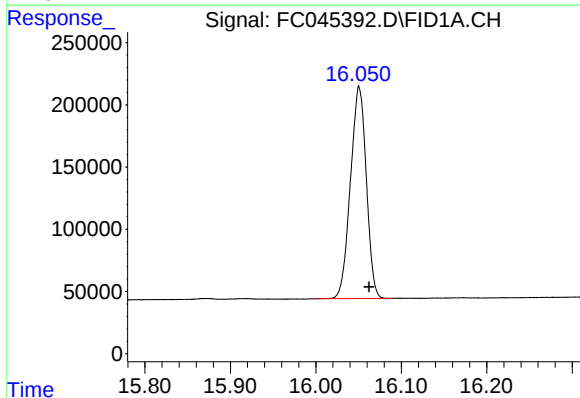
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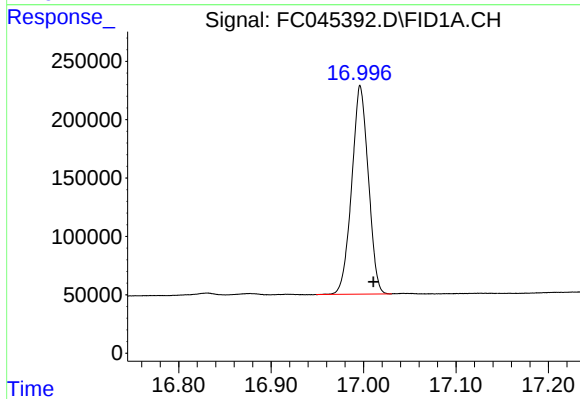
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.011 min
Response: 2133461
Conc: 19.97 ug/ml



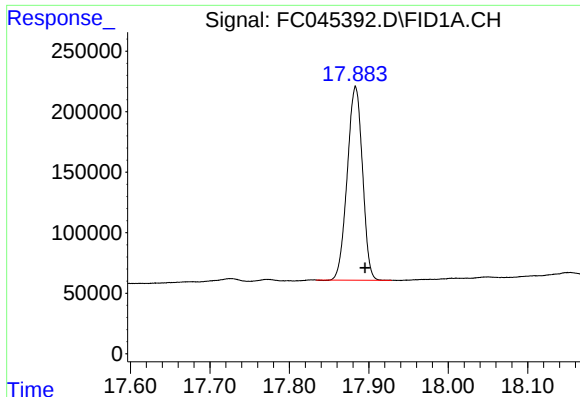
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.012 min
Response: 2199223
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.996 min
Delta R.T.: -0.014 min
Response: 2227256
Conc: 21.09 ug/ml



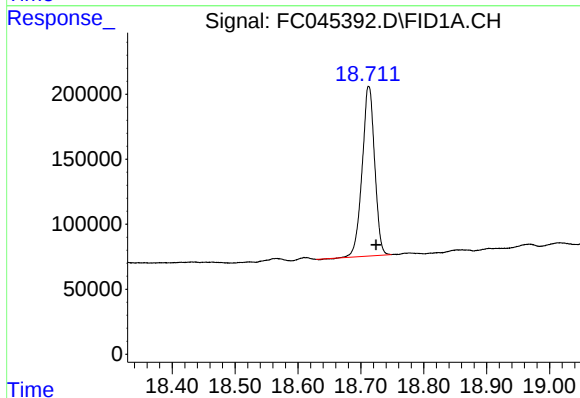
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: -0.012 min
Response: 2135358
Conc: 20.95 ug/ml

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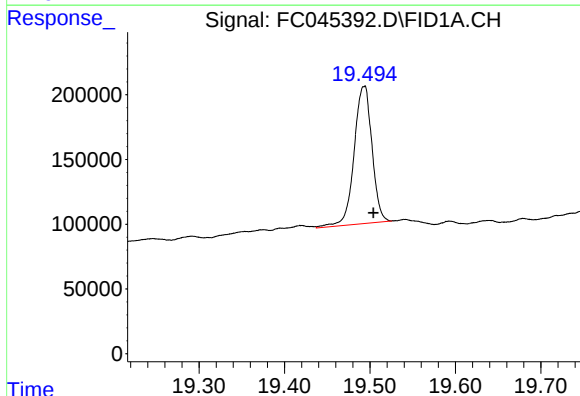
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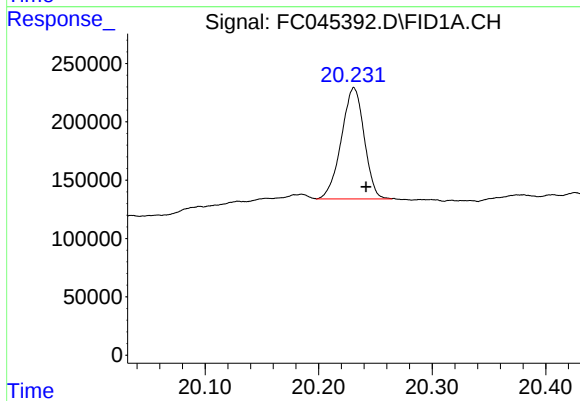
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.012 min
Response: 1800369
Conc: 20.81 ug/ml



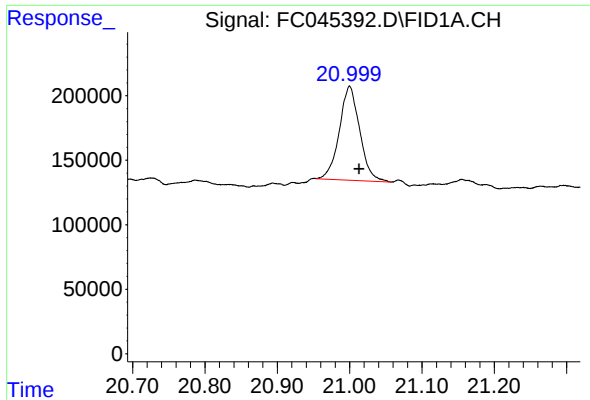
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.011 min
Response: 1541429
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: -0.011 min
Response: 1333502
Conc: 20.29 ug/ml m



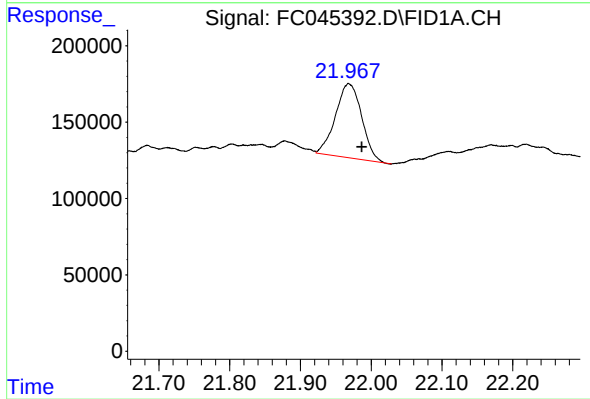
#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.013 min
Response: 1424567
Conc: 24.12 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.018 min
Response: 1249531
Conc: 21.13 ug/ml