

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061821AL\
 Data File : FC054330.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2021 4:25
 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

Ankita
 6/21/2021 10:49:06 AM

Integration File: sample.E
 Quant Time: Jun 19 05:57:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.348	2777988	18.293 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
12) S 1-chlorooctadecane (S...	12.792	2118601	17.985 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.154	2687415	20.883 ug/ml
2) T n-Decane (C10)	4.210	2724328	21.253 ug/ml
3) T A~Naphthalene (C11.7)	5.778	2980119	20.632 ug/ml
4) T n-Dodecane (C12)	6.219	2740532	20.899 ug/ml
5) T A~2-methylnaphthalene...	6.831	2966746	20.549 ug/ml
6) T n-Tetradecane (C14)	8.008	2720620	20.520 ug/ml
7) T n-Hexadecane (C16)	9.605	2693340	19.911 ug/ml
8) T n-Octadecane (C18)	11.044	2670015	19.130 ug/ml
10) T n-Eicosane (C20)	12.350	2559198	18.432 ug/ml
11) T n-Heneicosane (C21)	12.961	2534195	18.141 ug/ml
13) T n-Docosane (C22)	13.546	2472497	17.868 ug/ml
14) T n-Tetracosane (C24)	14.648	2400435	17.431 ug/ml
15) T n-Hexacosane (C26)	15.667	2294181	17.033 ug/ml
16) T n-Octacosane (C28)	16.617	2280795	17.213 ug/ml
17) T n-Tricontane (C30)	17.503	2297988	17.879 ug/ml
18) T n-Dotriacontane (C32)	18.332	2281938	18.546 ug/mlm
19) T n-Tetratriacontane (C34)	19.118	2272312	19.424 ug/mlm
20) T n-Hexatriacontane (C36)	19.856	2226380	20.170 ug/ml
21) T n-Octatriacontane (C38)	20.561	2130328	20.840 ug/mlm
22) T n-Tetracontane (C40)	21.391	2173537	20.314 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 19 Jun 2021 4:25
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

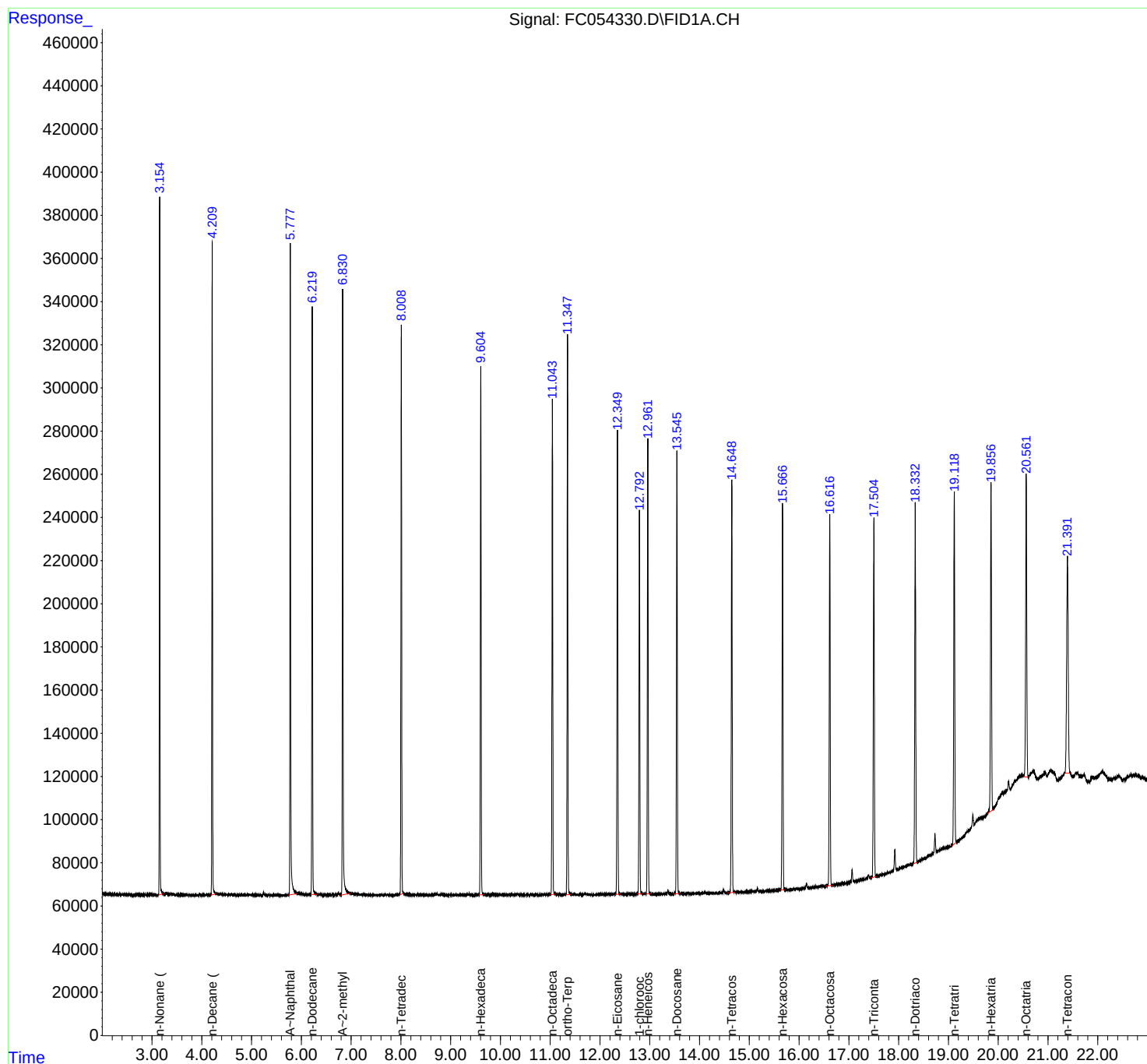
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

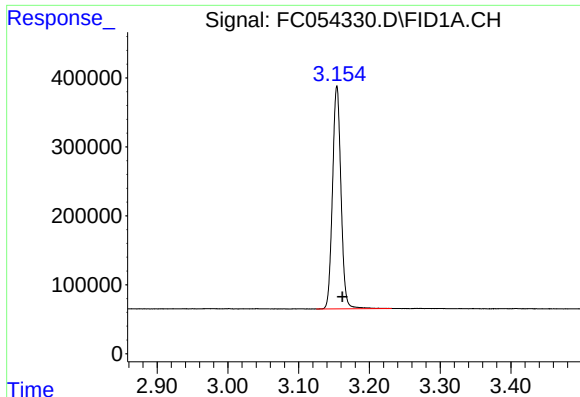
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061021.M
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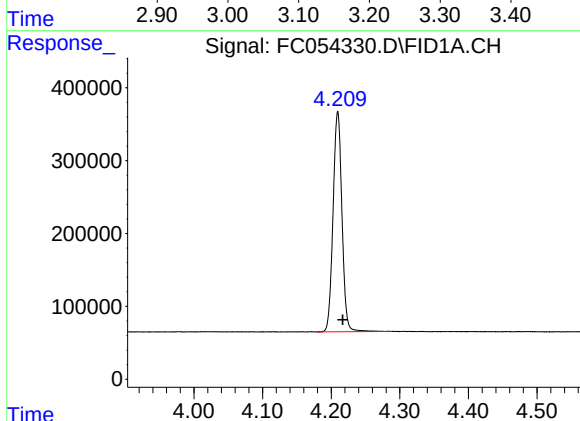
#1 n-Nonane (C9)

R.T.: 3.154 min
Delta R.T.: -0.008 min
Response: 2687415
Conc: 20.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

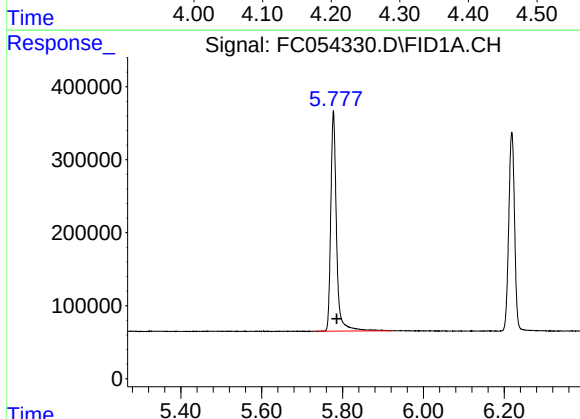
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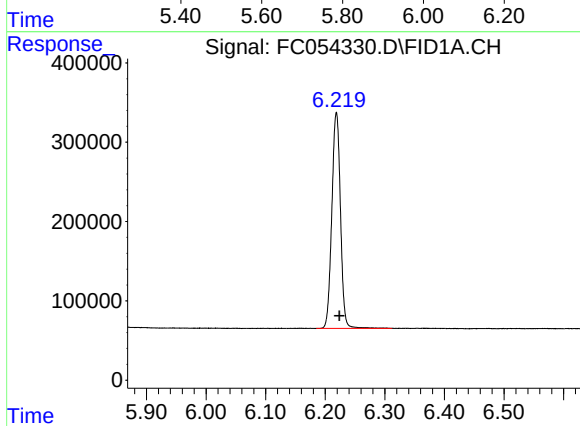
#2 n-Decane (C10)

R.T.: 4.210 min
Delta R.T.: -0.007 min
Response: 2724328
Conc: 21.25 ug/ml



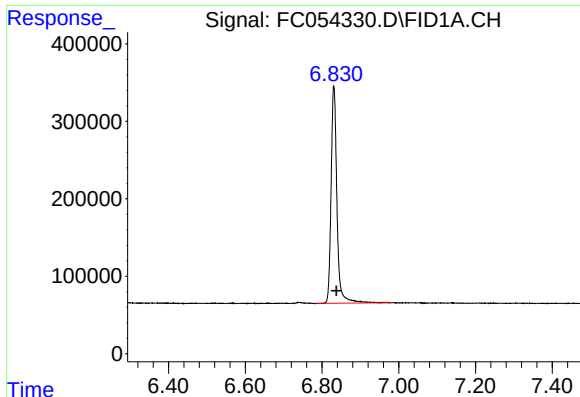
#3 A~Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.008 min
Response: 2980119
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 2740532
Conc: 20.90 ug/ml



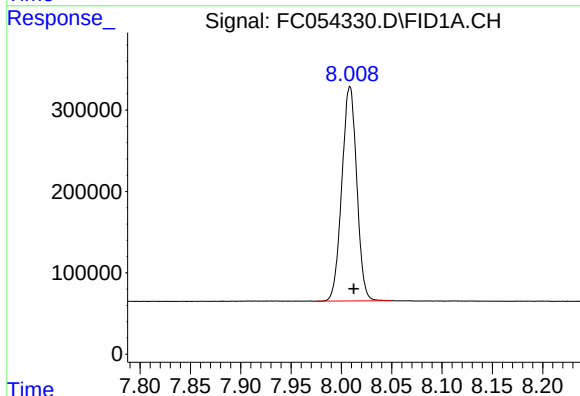
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.006 min
Response: 2966746
Conc: 20.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

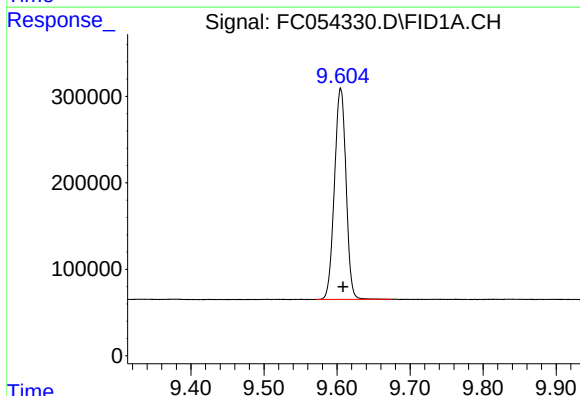
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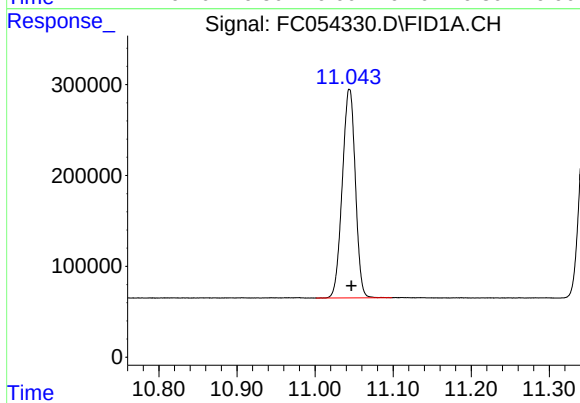
#6 n-Tetradecane (C14)

R.T.: 8.008 min
Delta R.T.: -0.004 min
Response: 2720620
Conc: 20.52 ug/ml



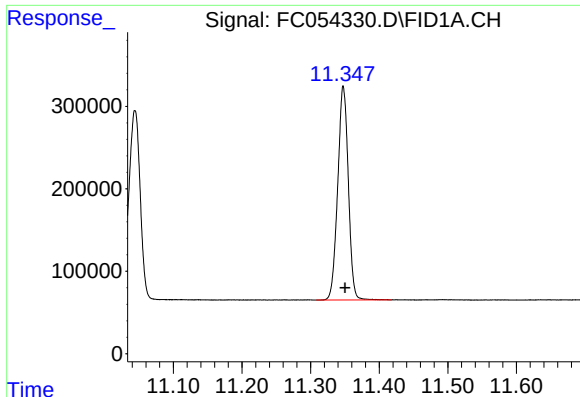
#7 n-Hexadecane (C16)

R.T.: 9.605 min
Delta R.T.: -0.003 min
Response: 2693340
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.044 min
Delta R.T.: -0.002 min
Response: 2670015
Conc: 19.13 ug/ml



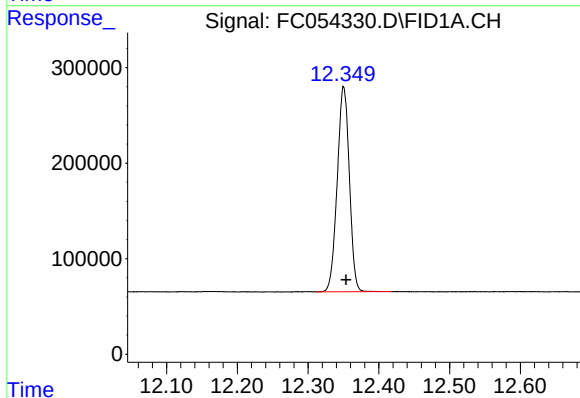
#9 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: -0.002 min
Response: 2777988
Conc: 18.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

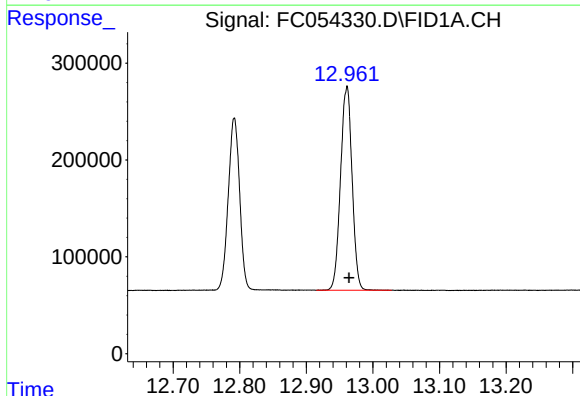
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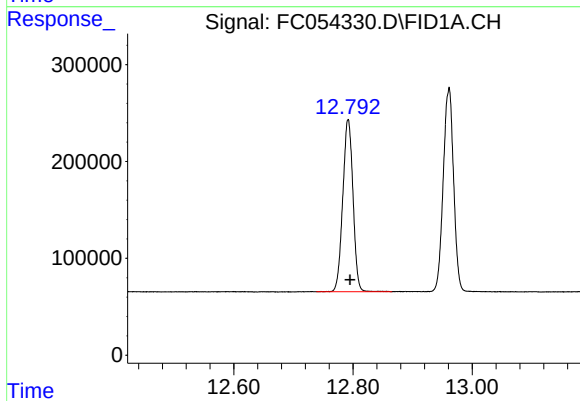
#10 n-Eicosane (C20)

R.T.: 12.350 min
Delta R.T.: -0.003 min
Response: 2559198
Conc: 18.43 ug/ml



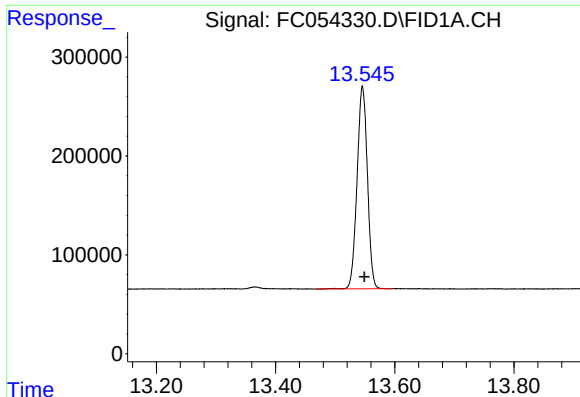
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: -0.004 min
Response: 2534195
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.792 min
Delta R.T.: -0.003 min
Response: 2118601
Conc: 17.98 ug/ml



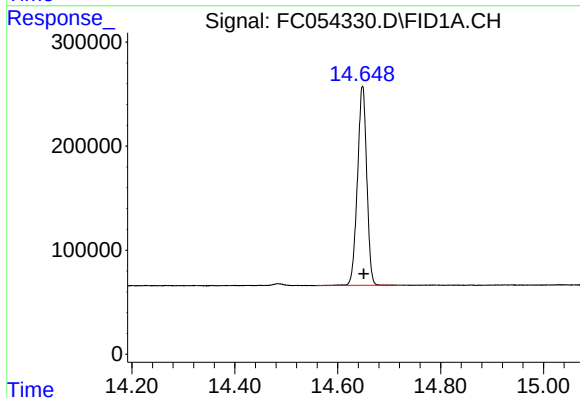
#13 n-Docosane (C22)

R.T.: 13.546 min
Delta R.T.: -0.003 min
Response: 2472497
Conc: 17.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

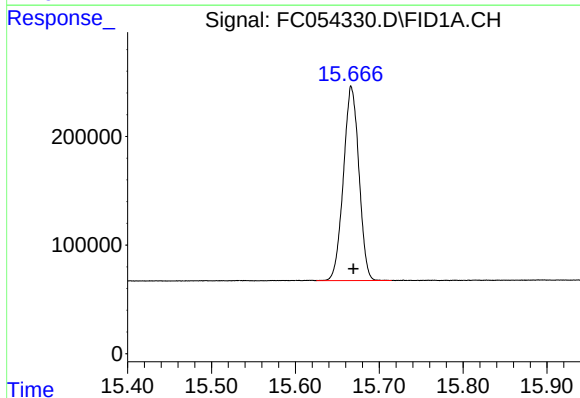
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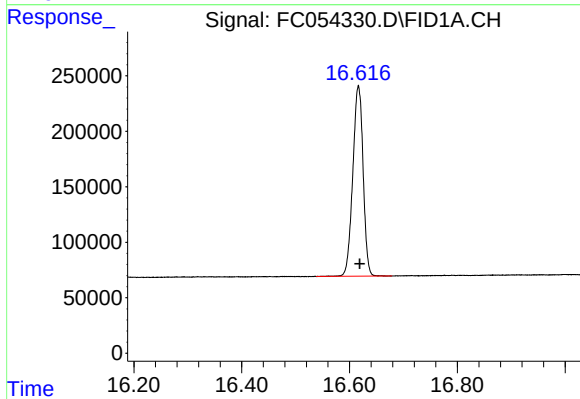
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.003 min
Response: 2400435
Conc: 17.43 ug/ml



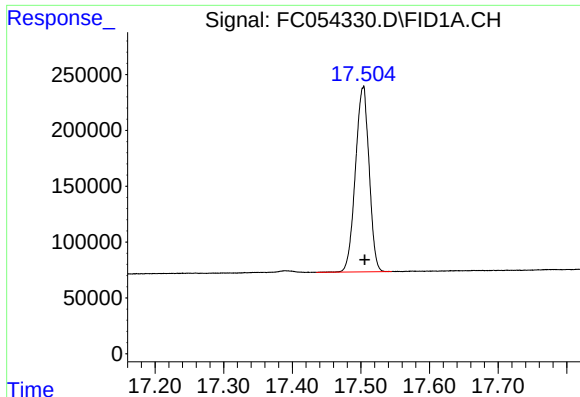
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: -0.002 min
Response: 2294181
Conc: 17.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: -0.002 min
Response: 2280795
Conc: 17.21 ug/ml



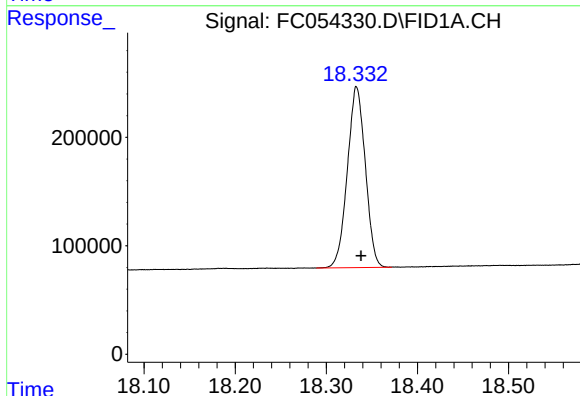
#17 n-Tricontane (C30)

R.T.: 17.503 min
Delta R.T.: -0.003 min
Response: 2297988
Conc: 17.88 ug/ml

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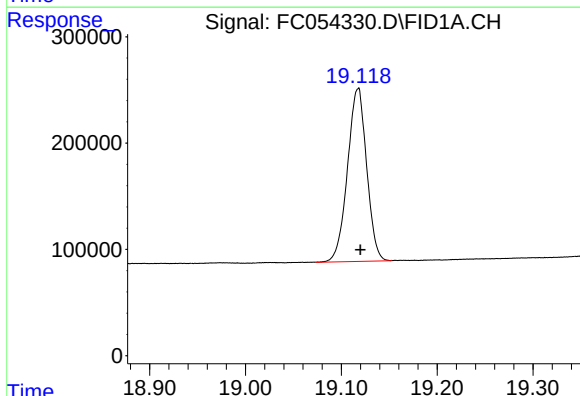
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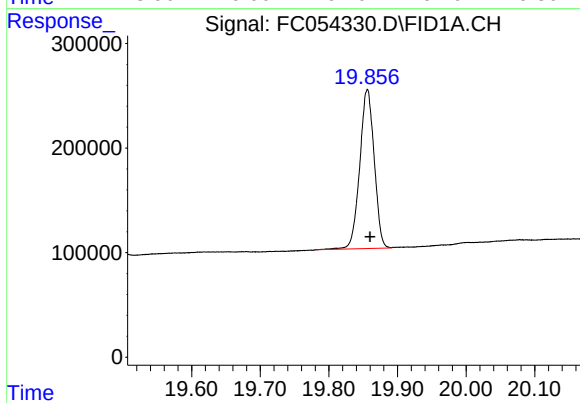
#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: -0.006 min
Response: 2281938
Conc: 18.55 ug/ml m



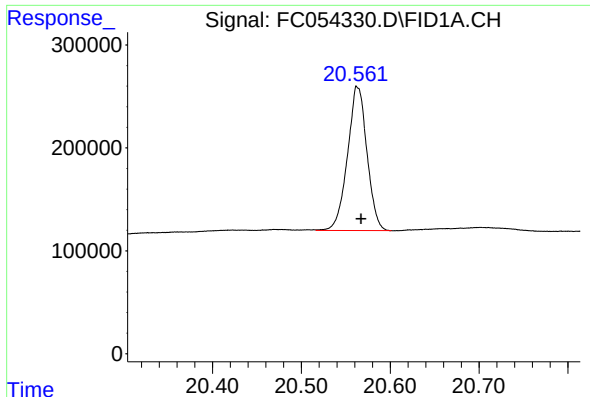
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: -0.002 min
Response: 2272312
Conc: 19.42 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.856 min
Delta R.T.: -0.004 min
Response: 2226380
Conc: 20.17 ug/ml



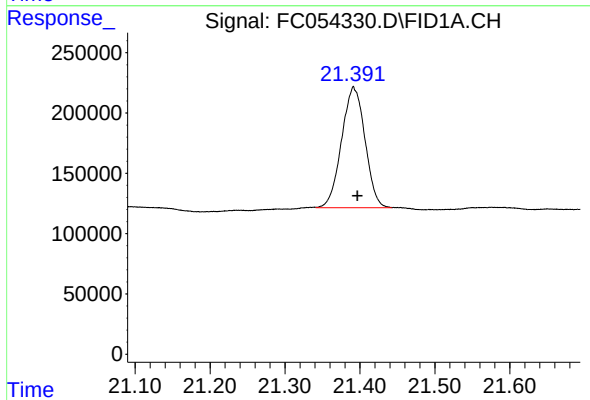
#21 n-Octatriacontane (C38)

R.T.: 20.561 min
Delta R.T.: -0.006 min
Response: 2130328
Conc: 20.84 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.391 min
Delta R.T.: -0.005 min
Response: 2173537
Conc: 20.31 ug/ml m