

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031122AL\
 Data File : FC058709.D
 Signal(s) : FID1A.CH
 Acq On : 12 Mar 2022 00:47
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: autoint1.e
 Quant Time: Mar 12 01:51:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.397	2662774	18.282 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	12.829	2045372	18.045 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
Target Compounds			
1) T n-Nonane (C9)	3.252	2419085	20.117 ug/ml
2) T n-Decane (C10)	4.302	2406561	20.223 ug/ml
3) T A~Naphthalene (C11.7)	5.865	2496327	19.235 ug/ml
4) T n-Dodecane (C12)	6.297	2474289	20.113 ug/ml
5) T A~2-methylnaphthalene...	6.910	2525519	19.372 ug/ml
6) T n-Tetradecane (C14)	8.074	2483204	19.817 ug/ml
7) T n-Hexadecane (C16)	9.660	2509156	19.484 ug/ml
8) T n-Octadecane (C18)	11.090	2487570	18.903 ug/ml
10) T n-Eicosane (C20)	12.390	2420362	18.406 ug/ml
11) T n-Heneicosane (C21)	12.998	2410356	18.238 ug/ml
13) T n-Docosane (C22)	13.580	2379219	18.250 ug/ml
14) T n-Tetracosane (C24)	14.677	2319580	17.963 ug/ml
15) T n-Hexacosane (C26)	15.692	2251105	18.198 ug/ml
16) T n-Octacosane (C28)	16.638	2222234	18.669 ug/ml
17) T n-Tricontane (C30)	17.520	2209456	19.629 ug/ml
18) T n-Dotriacontane (C32)	18.348	2152212	20.015 ug/mlm
19) T n-Tetratriacontane (C34)	19.129	2023626	20.886 ug/ml
20) T n-Hexatriacontane (C36)	19.865	1891272	20.964 ug/ml
21) T n-Octatriacontane (C38)	20.570	1857636	21.346 ug/ml
22) T n-Tetracontane (C40)	21.398	1877878	22.378 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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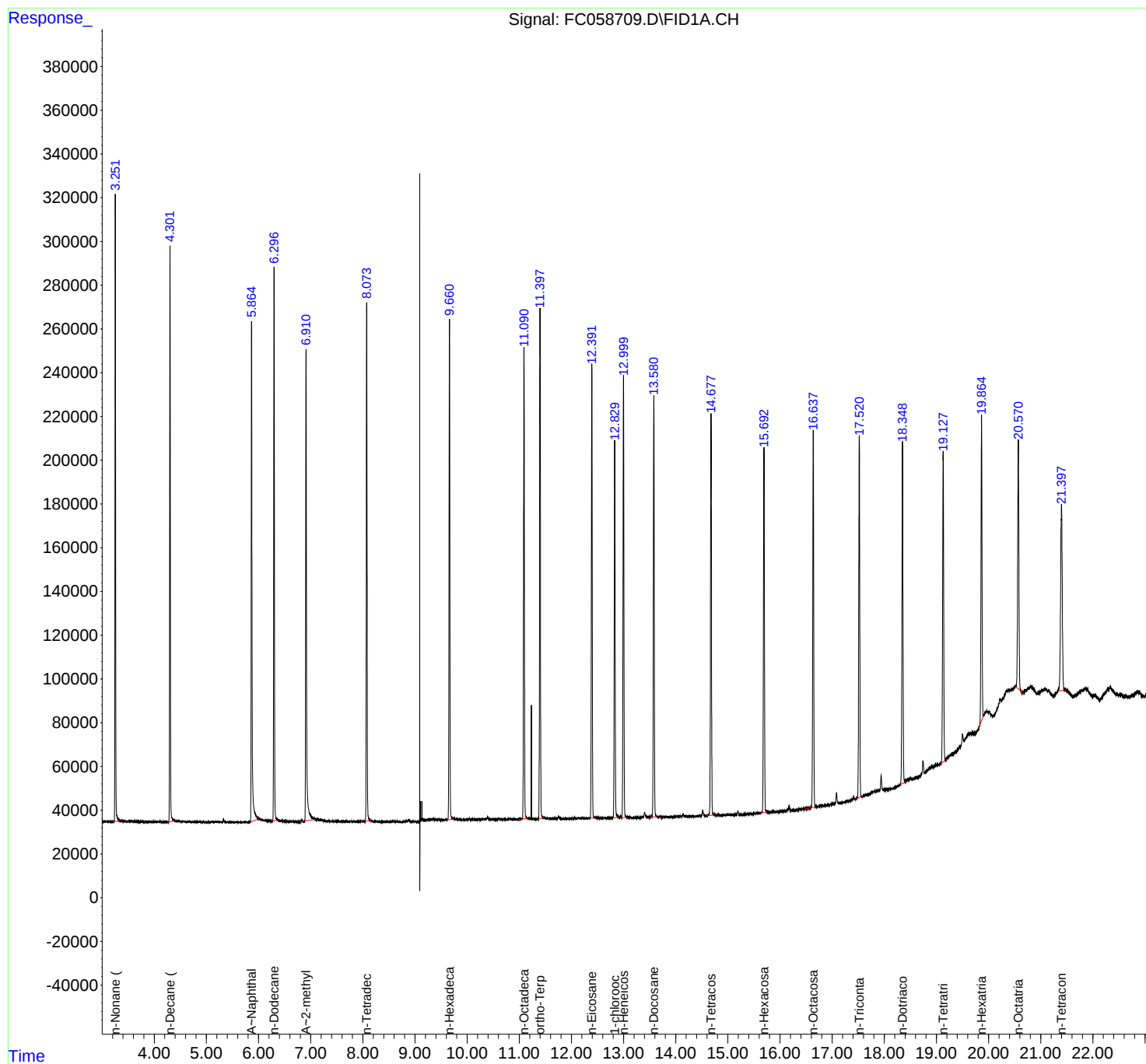
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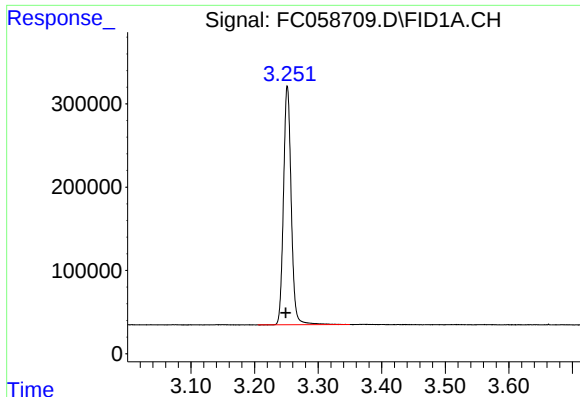
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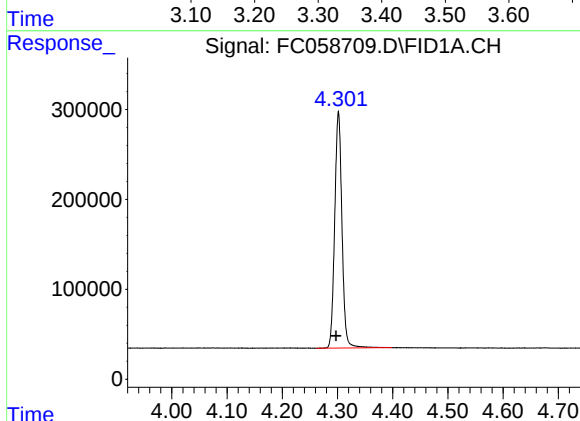
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.003 min
Response: 2419085
Conc: 20.12 ug/ml

Instrument :
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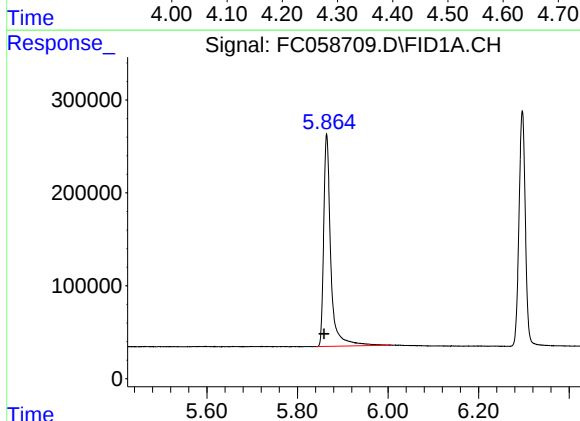
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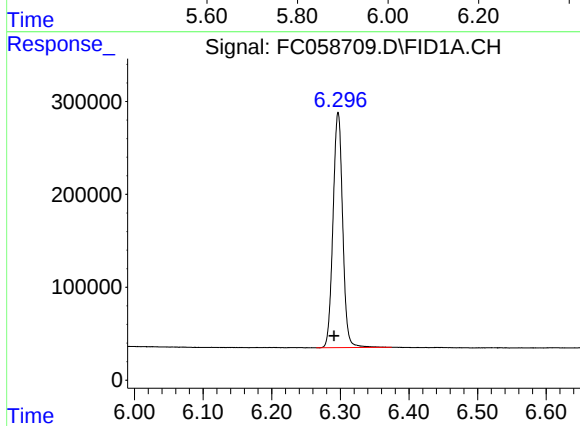
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: 0.004 min
Response: 2406561
Conc: 20.22 ug/ml



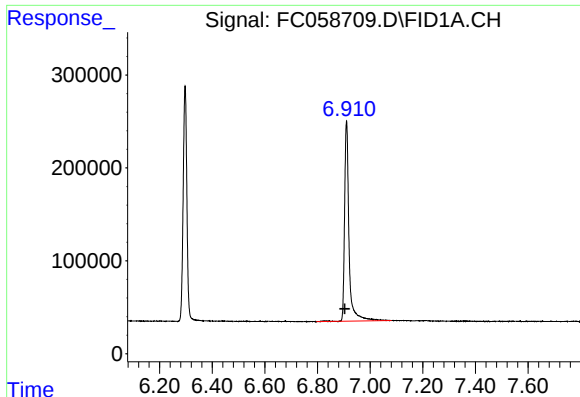
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 2496327
Conc: 19.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 2474289
Conc: 20.11 ug/ml



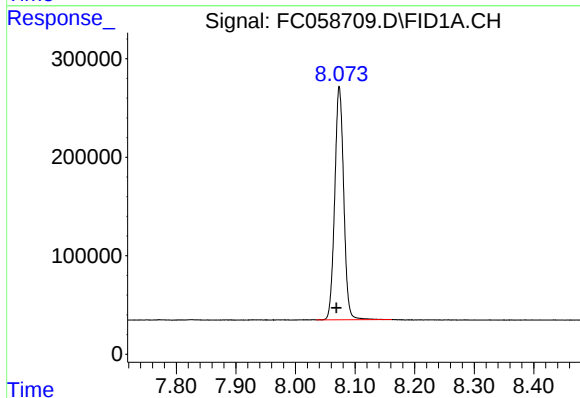
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: 0.007 min
Response: 2525519
Conc: 19.37 ug/ml

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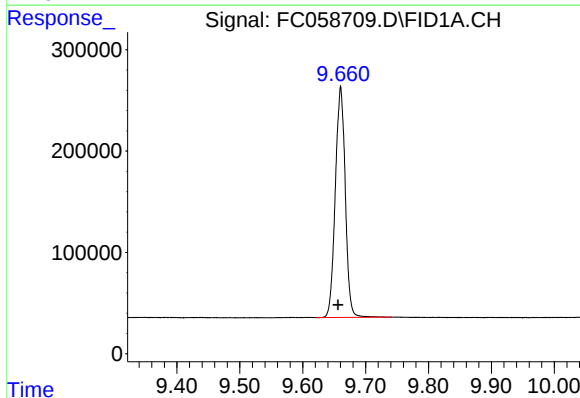
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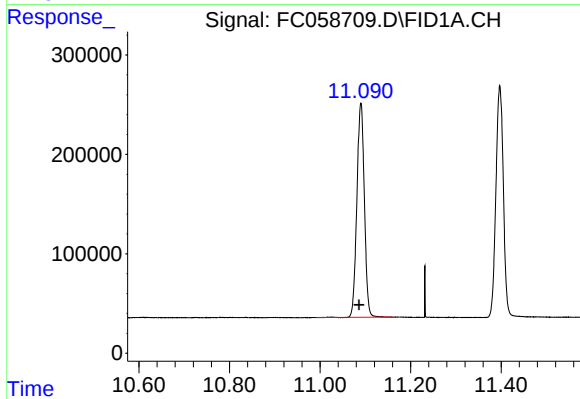
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.005 min
Response: 2483204
Conc: 19.82 ug/ml



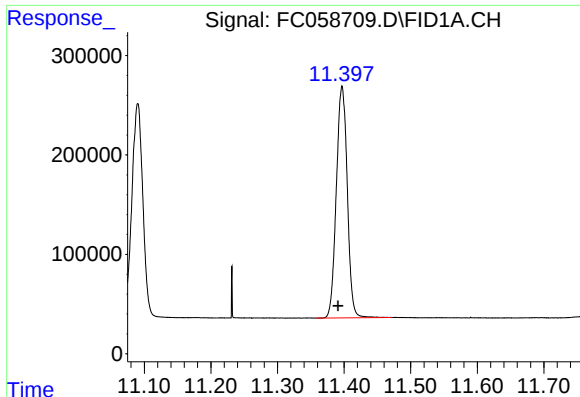
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: 0.004 min
Response: 2509156
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.090 min
Delta R.T.: 0.003 min
Response: 2487570
Conc: 18.90 ug/ml



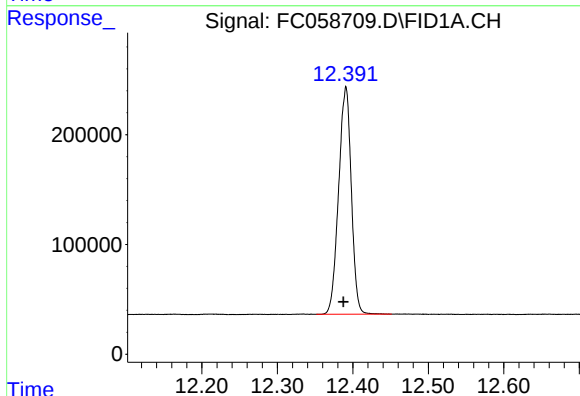
#9 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.006 min
Response: 2662774
Conc: 18.28 ug/ml

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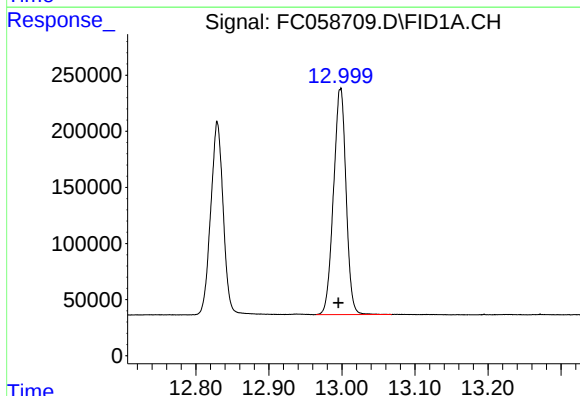
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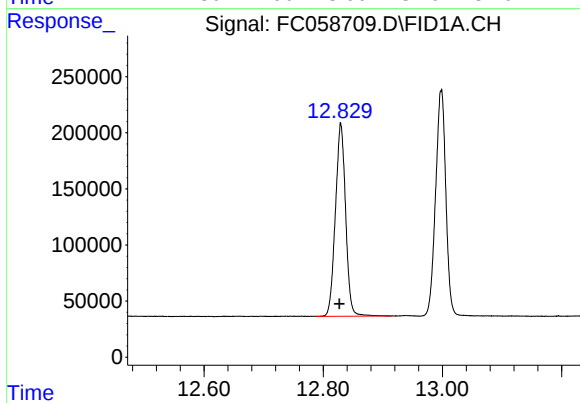
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.003 min
Response: 2420362
Conc: 18.41 ug/ml



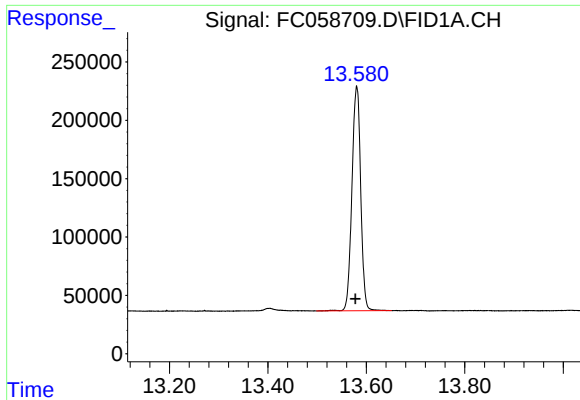
#11 n-Heneicosane (C21)

R.T.: 12.998 min
Delta R.T.: 0.002 min
Response: 2410356
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.829 min
Delta R.T.: 0.003 min
Response: 2045372
Conc: 18.04 ug/ml



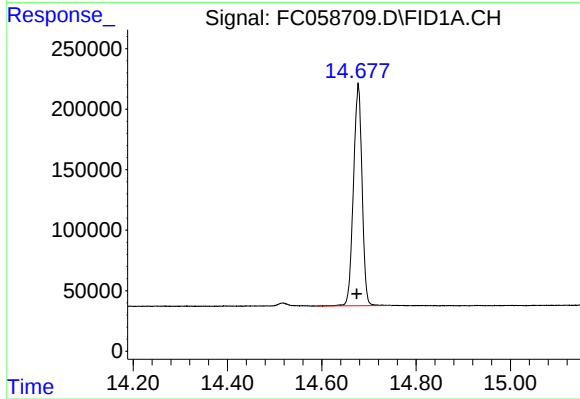
#13 n-Docosane (C22)

R.T.: 13.580 min
Delta R.T.: 0.002 min
Response: 2379219
Conc: 18.25 ug/ml

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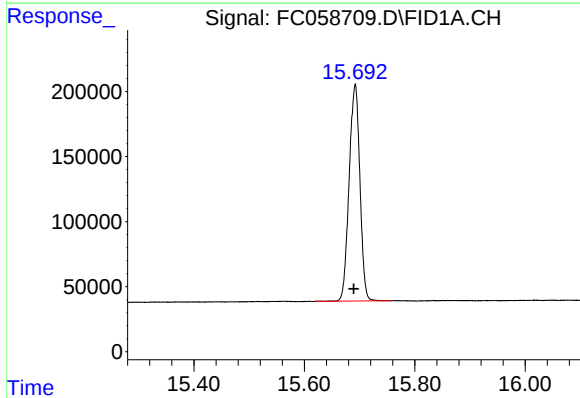
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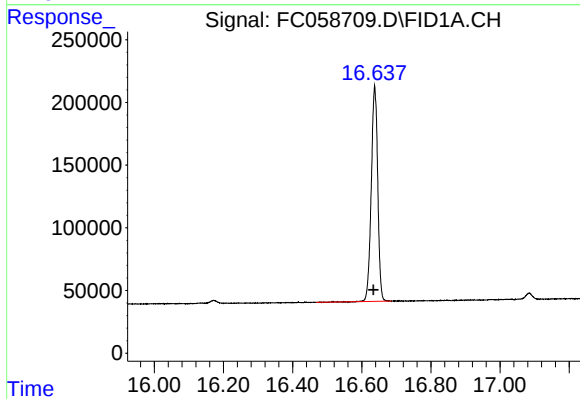
#14 n-Tetracosane (C24)

R.T.: 14.677 min
Delta R.T.: 0.003 min
Response: 2319580
Conc: 17.96 ug/ml



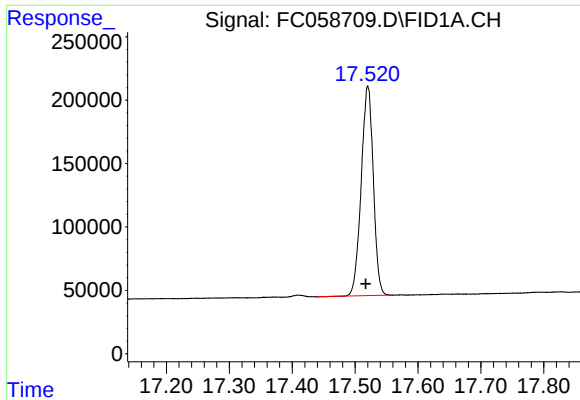
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: 0.002 min
Response: 2251105
Conc: 18.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.638 min
Delta R.T.: 0.004 min
Response: 2222234
Conc: 18.67 ug/ml



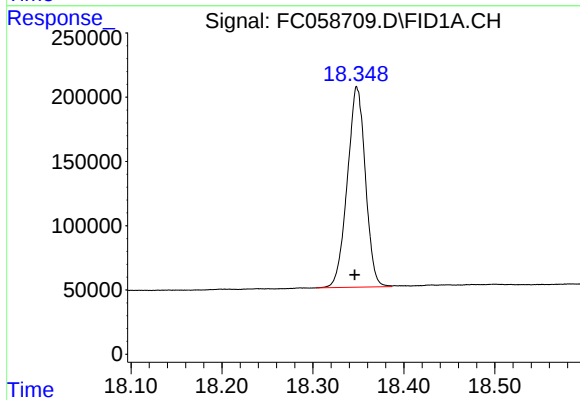
#17 n-Tricontane (C30)

R.T.: 17.520 min
Delta R.T.: 0.003 min
Response: 2209456
Conc: 19.63 ug/ml

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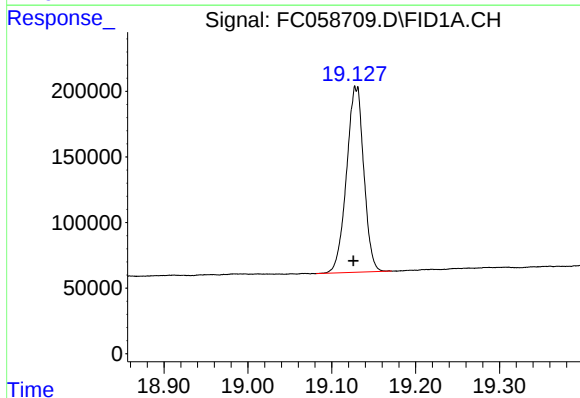
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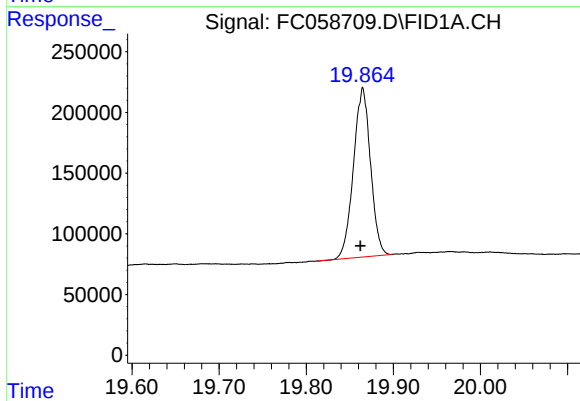
#18 n-Dotriacontane (C32)

R.T.: 18.348 min
Delta R.T.: 0.002 min
Response: 2152212
Conc: 20.01 ug/ml m



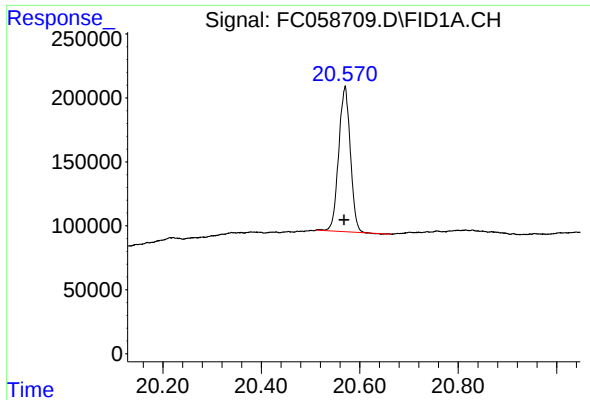
#19 n-Tetratriacontane (C34)

R.T.: 19.129 min
Delta R.T.: 0.003 min
Response: 2023626
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.865 min
Delta R.T.: 0.003 min
Response: 1891272
Conc: 20.96 ug/ml



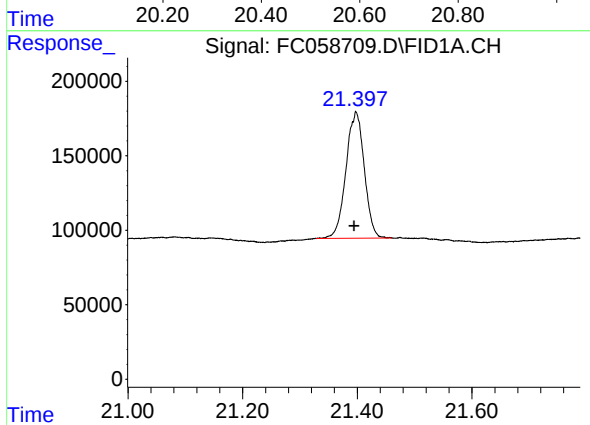
#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: 0.002 min
Response: 1857636
Conc: 21.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.398 min
Delta R.T.: 0.003 min
Response: 1877878
Conc: 22.38 ug/ml