

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031522AL\
 Data File : FC058792.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2022 9:47
 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

Integration File: sample.E
 Quant Time: Mar 17 10:16:49 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)	11.394	2908512	19.969 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
12) S 1-chlorooctadecane (S...	12.823	2206393	19.465 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.250	2539452	21.117 ug/ml
2) T n-Decane (C10)	4.300	2525269	21.221 ug/ml
3) T A~Naphthalene (C11.7)	5.865	2574795	19.839 ug/ml
4) T n-Dodecane (C12)	6.294	2637816	21.443 ug/ml
5) T A~2-methylnaphthalene...	6.910	2530277	19.408 ug/ml
6) T n-Tetradecane (C14)	8.070	2658284	21.214 ug/ml
7) T n-Hexadecane (C16)	9.657	2678120	20.796 ug/ml
8) T n-Octadecane (C18)	11.086	2709732	20.592 ug/ml
10) T n-Eicosane (C20)	12.384	2658408	20.216 ug/ml
11) T n-Heneicosane (C21)	12.992	2642386	19.994 ug/ml
13) T n-Docosane (C22)	13.573	2595776	19.911 ug/ml
14) T n-Tetracosane (C24)	14.668	2528960	19.584 ug/ml
15) T n-Hexacosane (C26)	15.683	2456555	19.859 ug/ml
16) T n-Octacosane (C28)	16.626	2438957	20.490 ug/ml
17) T n-Tricontane (C30)	17.509	2440705	21.683 ug/ml
18) T n-Dotriacontane (C32)	18.337	2329214	21.661 ug/ml
19) T n-Tetratriacontane (C34)	19.116	2213678	22.847 ug/ml
20) T n-Hexatriacontane (C36)	19.852	2093027	23.200 ug/ml
21) T n-Octatriacontane (C38)	20.556	2026280	23.284 ug/ml
22) T n-Tetracontane (C40)	21.378	2019873	24.070 ug/ml

(f)=RT Delta > 1/2 Window

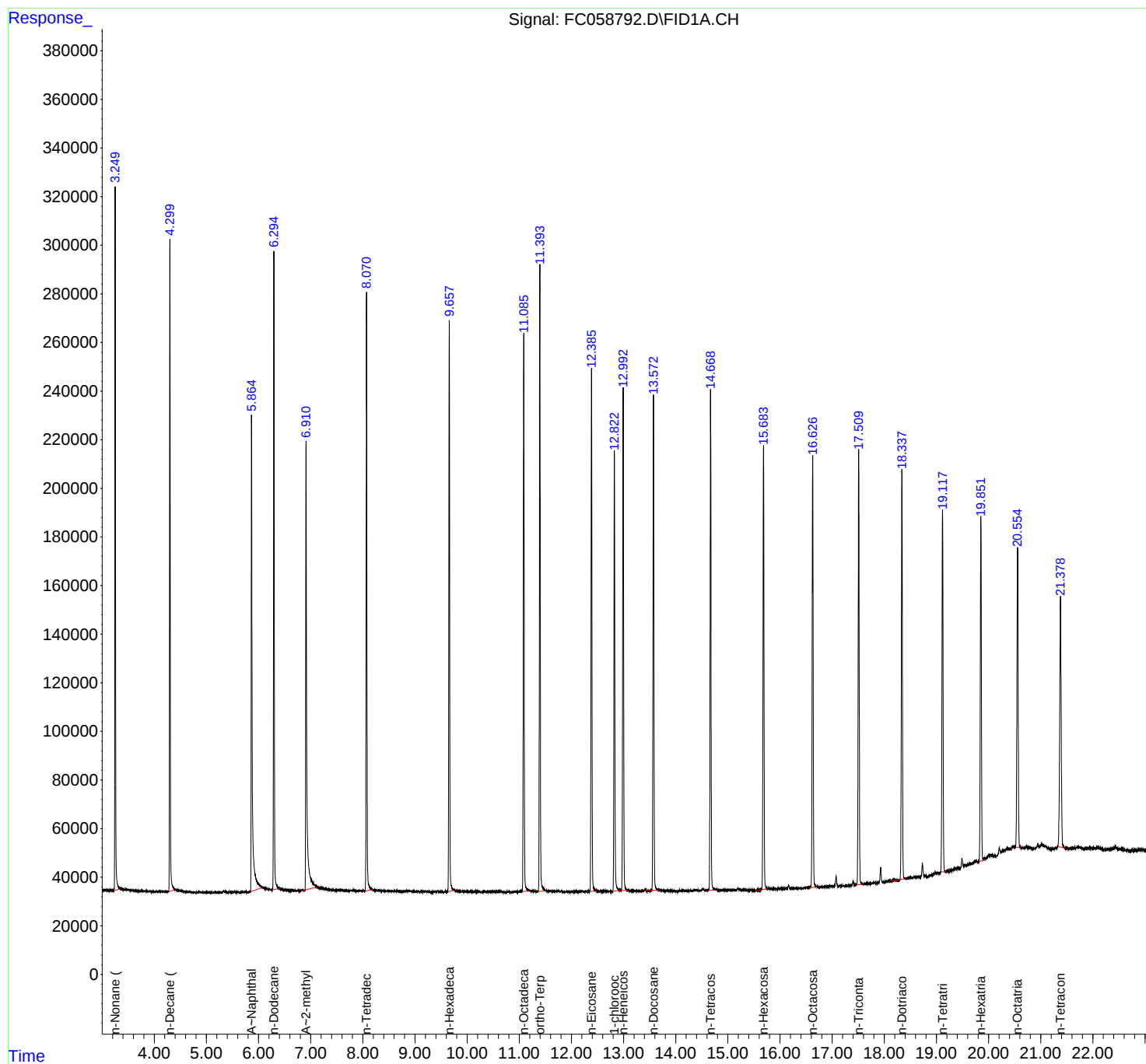
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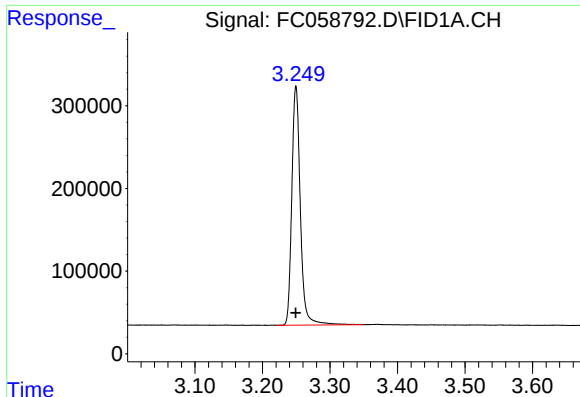
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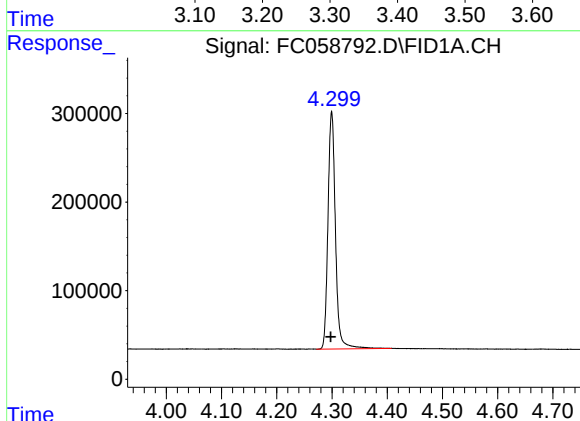




#1 n-Nonane (C9)

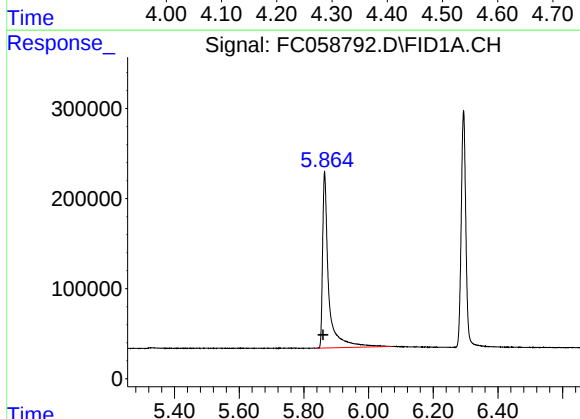
R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 2539452
Conc: 21.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



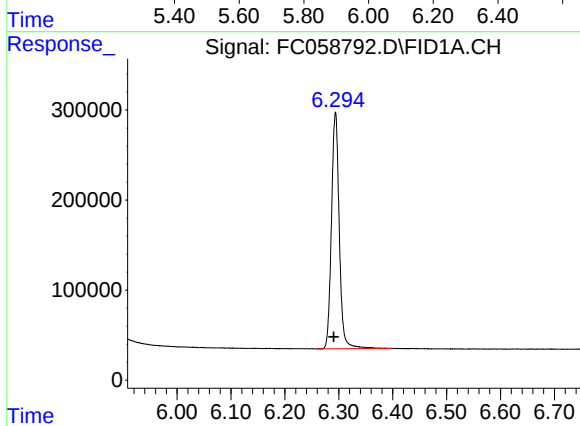
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: 0.002 min
Response: 2525269
Conc: 21.22 ug/ml



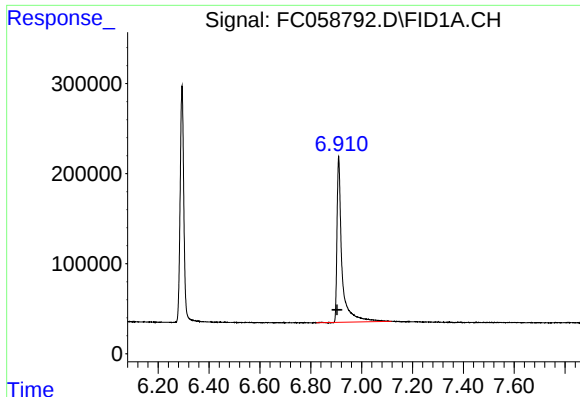
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 2574795
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

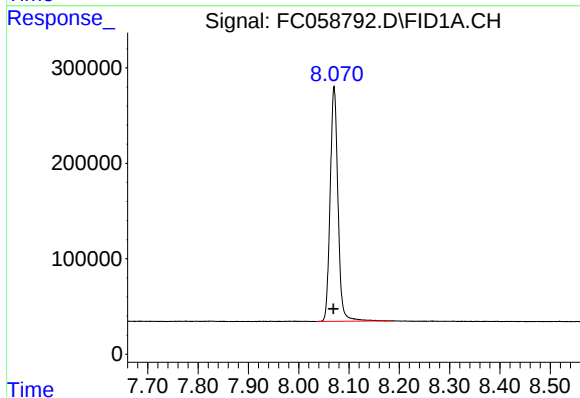
R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 2637816
Conc: 21.44 ug/ml



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

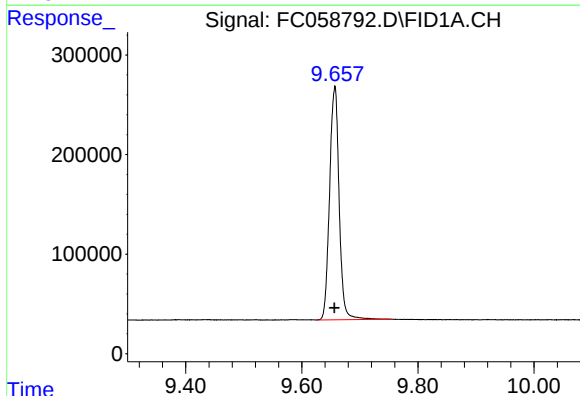
R.T.: 6.910 min
Delta R.T.: 0.007 min
Response: 2530277
Conc: 19.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



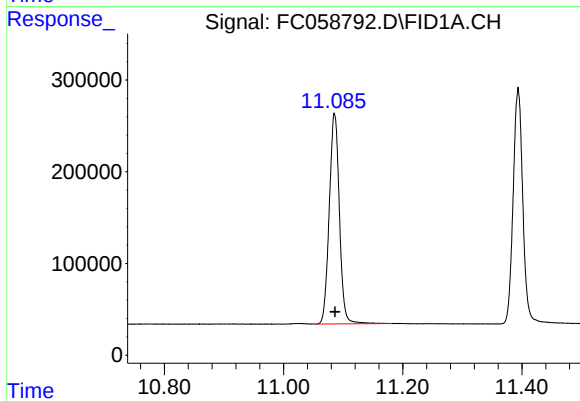
#6 n-Tetradecane (C14)

R.T.: 8.070 min
Delta R.T.: 0.002 min
Response: 2658284
Conc: 21.21 ug/ml



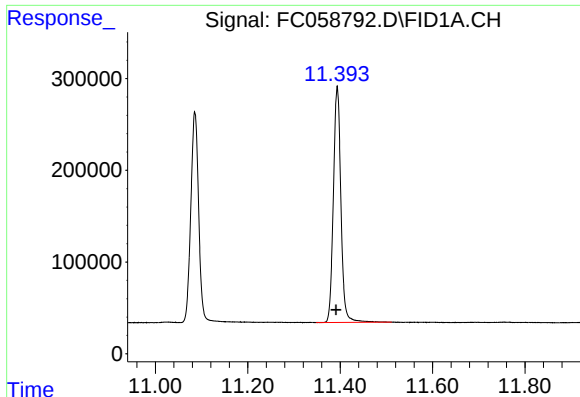
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2678120
Conc: 20.80 ug/ml



#8 n-Octadecane (C18)

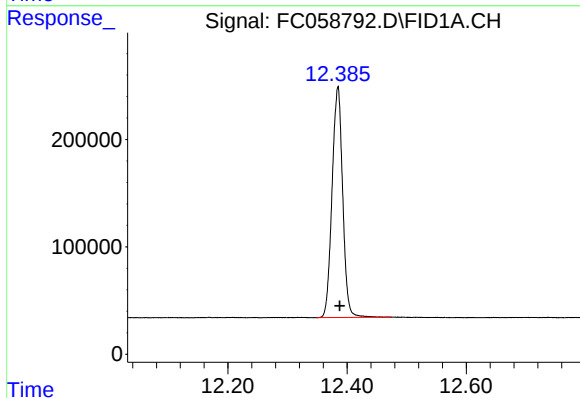
R.T.: 11.086 min
Delta R.T.: 0.000 min
Response: 2709732
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

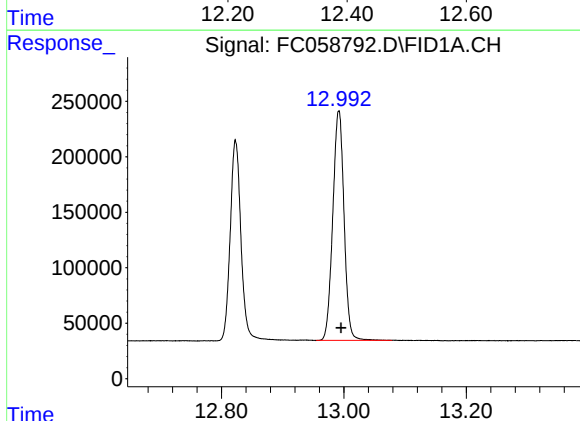
R.T.: 11.394 min
Delta R.T.: 0.003 min
Response: 2908512
Conc: 19.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



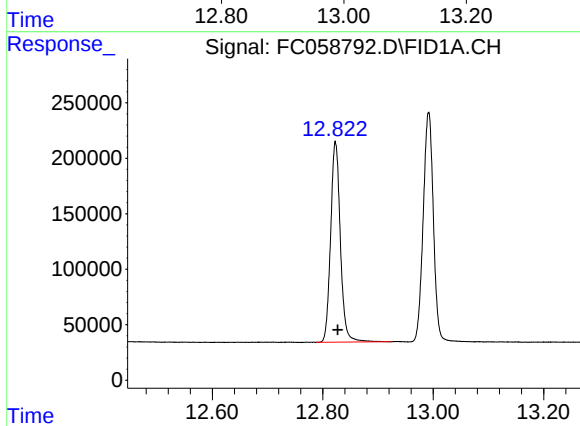
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 2658408
Conc: 20.22 ug/ml



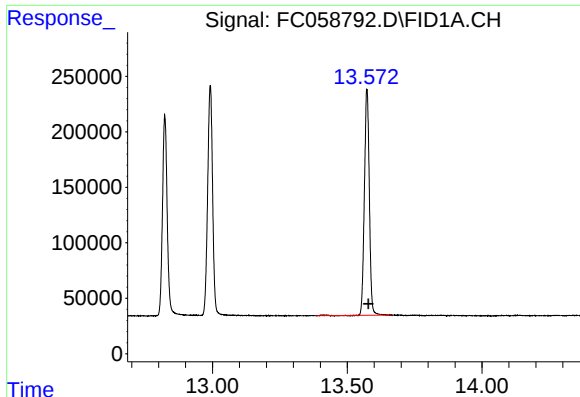
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 2642386
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

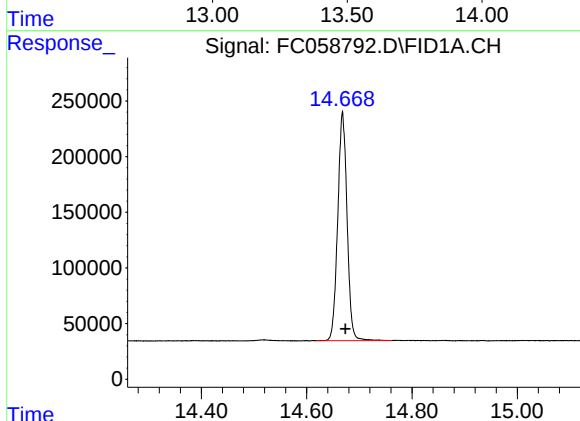
R.T.: 12.823 min
Delta R.T.: -0.004 min
Response: 2206393
Conc: 19.47 ug/ml



#13 n-Docosane (C22)

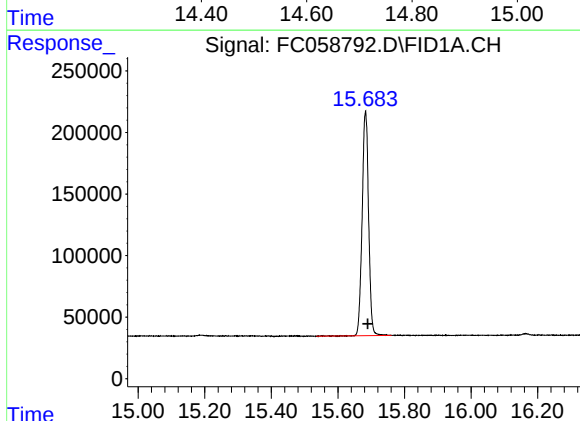
R.T.: 13.573 min
Delta R.T.: -0.005 min
Response: 2595776
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



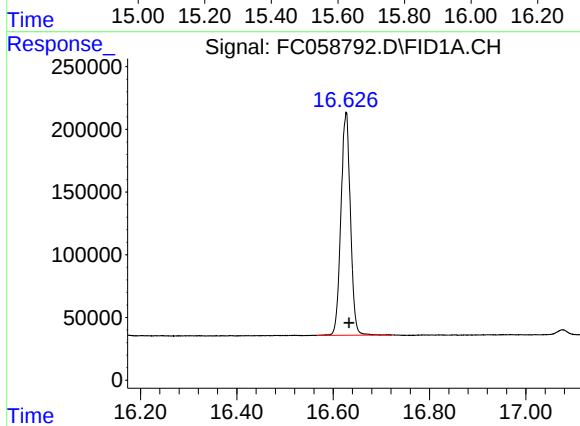
#14 n-Tetracosane (C24)

R.T.: 14.668 min
Delta R.T.: -0.006 min
Response: 2528960
Conc: 19.58 ug/ml



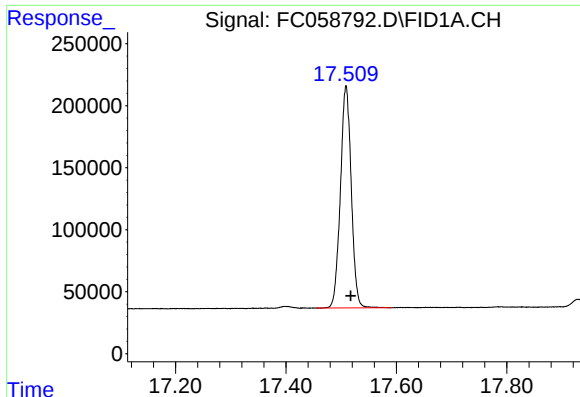
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: -0.006 min
Response: 2456555
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

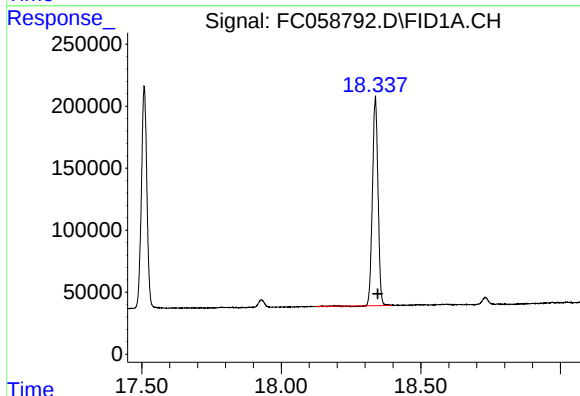
R.T.: 16.626 min
Delta R.T.: -0.007 min
Response: 2438957
Conc: 20.49 ug/ml



#17 n-Tricontane (C30)

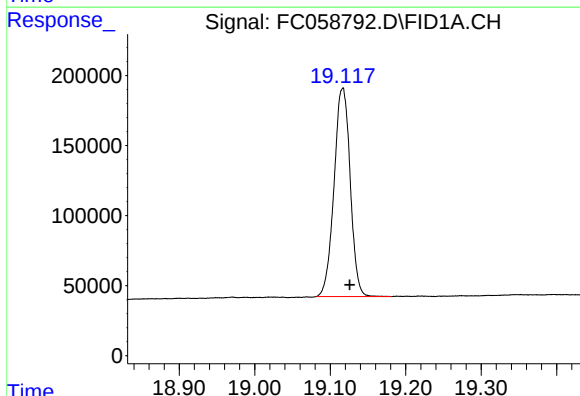
R.T.: 17.509 min
Delta R.T.: -0.008 min
Response: 2440705
Conc: 21.68 ug/ml

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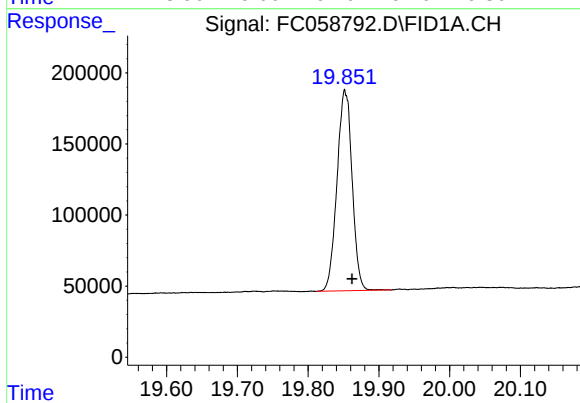
#18 n-Dotriacontane (C32)

R.T.: 18.337 min
Delta R.T.: -0.009 min
Response: 2329214
Conc: 21.66 ug/ml



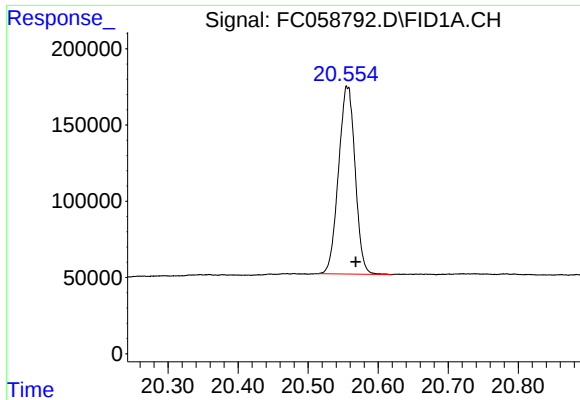
#19 n-Tetratriacontane (C34)

R.T.: 19.116 min
Delta R.T.: -0.010 min
Response: 2213678
Conc: 22.85 ug/ml



#20 n-Hexatriacontane (C36)

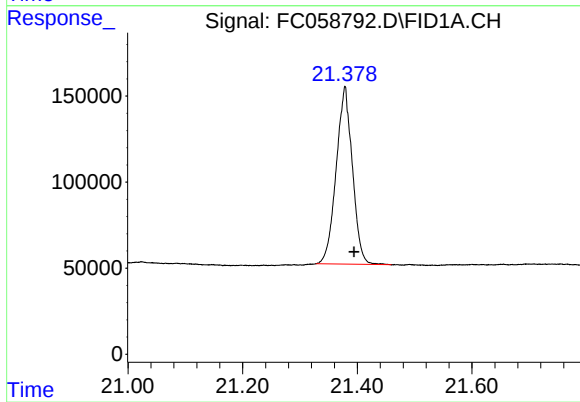
R.T.: 19.852 min
Delta R.T.: -0.010 min
Response: 2093027
Conc: 23.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.556 min
Delta R.T.: -0.012 min
Response: 2026280
Conc: 23.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: -0.017 min
Response: 2019873
Conc: 24.07 ug/ml