

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031022AL\
 Data File : FC058684.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2022 1:01
 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 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: sample.E
 Quant Time: Mar 11 01:30:47 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)	11.402	2537672	17.423 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
12) S 1-chlorooctadecane (S...	12.835	1929169	17.019 ug/ml
Spiked Amount 50.000		Recovery =	34.04%
Target Compounds			
1) T n-Nonane (C9)	3.254	2360939	19.633 ug/ml
2) T n-Decane (C10)	4.304	2353987	19.782 ug/ml
3) T A~Naphthalene (C11.7)	5.868	2497712	19.245 ug/ml
4) T n-Dodecane (C12)	6.300	2417595	19.652 ug/ml
5) T A~2-methylnaphthalene...	6.913	2510144	19.254 ug/ml
6) T n-Tetradecane (C14)	8.078	2409692	19.230 ug/ml
7) T n-Hexadecane (C16)	9.665	2404812	18.674 ug/ml
8) T n-Octadecane (C18)	11.096	2374141	18.041 ug/ml
10) T n-Eicosane (C20)	12.396	2292445	17.433 ug/ml
11) T n-Heneicosane (C21)	13.004	2267177	17.155 ug/ml
13) T n-Docosane (C22)	13.587	2242686	17.202 ug/ml
14) T n-Tetracosane (C24)	14.683	2194615	16.995 ug/ml
15) T n-Hexacosane (C26)	15.697	2137773	17.282 ug/ml
16) T n-Octacosane (C28)	16.642	2125222	17.854 ug/mlm
17) T n-Tricontane (C30)	17.526	2100026	18.656 ug/ml
18) T n-Dotriacontane (C32)	18.354	2087771	19.416 ug/mlm
19) T n-Tetratriacontane (C34)	19.136	1971473	20.347 ug/ml
20) T n-Hexatriacontane (C36)	19.872	2170823	24.062 ug/ml
21) T n-Octatriacontane (C38)	20.575	2084242	23.950 ug/mlm
22) T n-Tetracontane (C40)	21.405	1810745	21.578 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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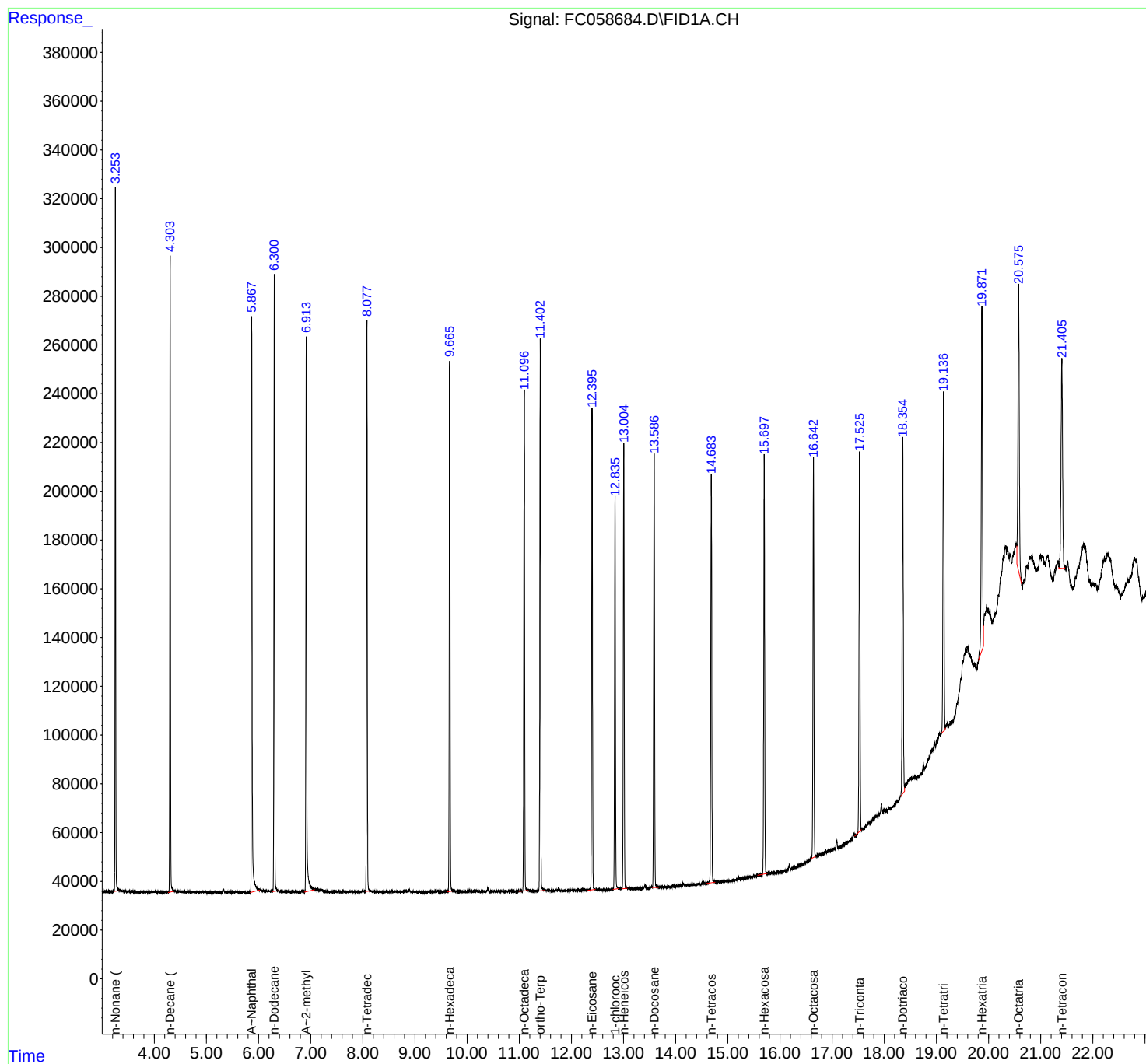
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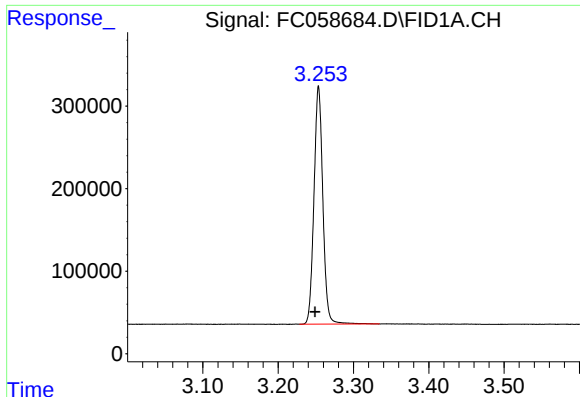
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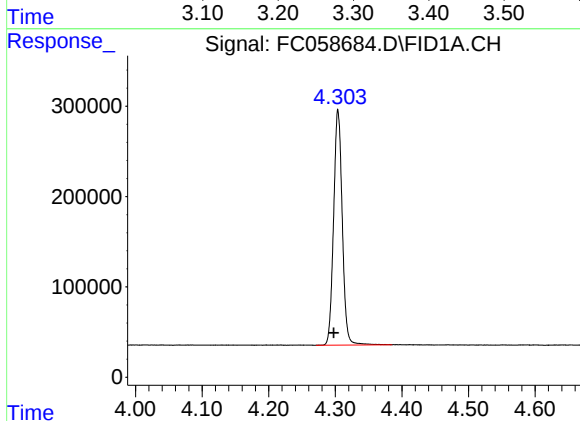
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2360939
Conc: 19.63 ug/ml

Instrument :
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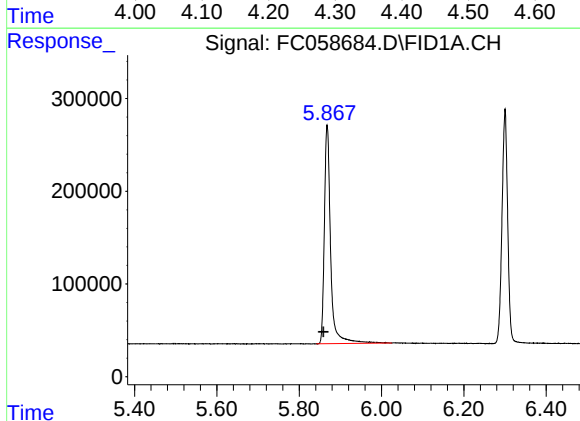
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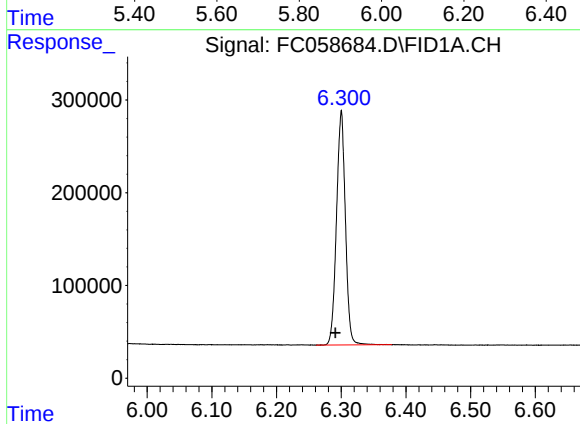
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.007 min
Response: 2353987
Conc: 19.78 ug/ml



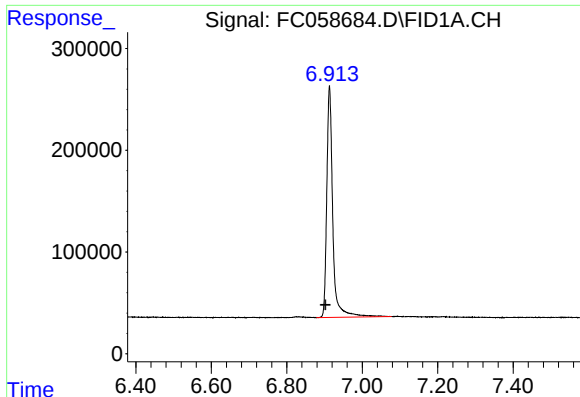
#3 A~Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: 0.009 min
Response: 2497712
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.300 min
Delta R.T.: 0.009 min
Response: 2417595
Conc: 19.65 ug/ml



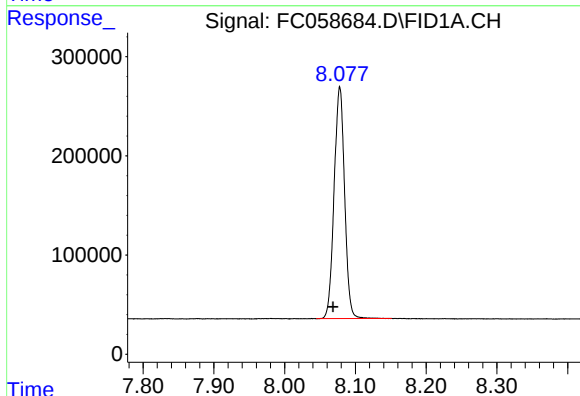
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.011 min
Response: 2510144
Conc: 19.25 ug/ml

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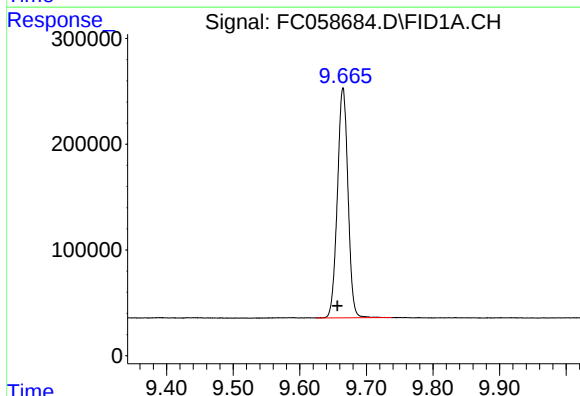
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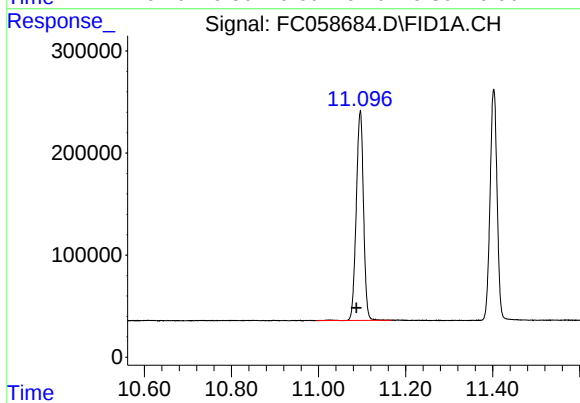
#6 n-Tetradecane (C14)

R.T.: 8.078 min
Delta R.T.: 0.009 min
Response: 2409692
Conc: 19.23 ug/ml



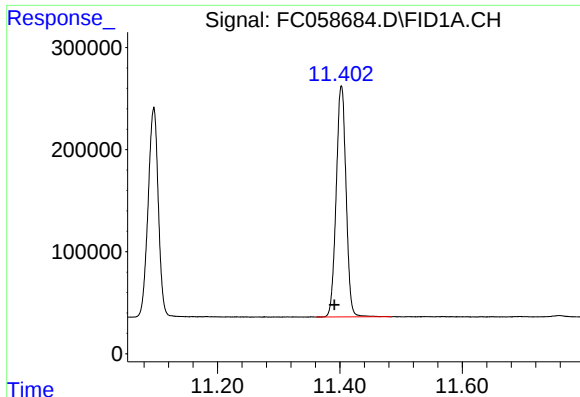
#7 n-Hexadecane (C16)

R.T.: 9.665 min
Delta R.T.: 0.009 min
Response: 2404812
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.009 min
Response: 2374141
Conc: 18.04 ug/ml



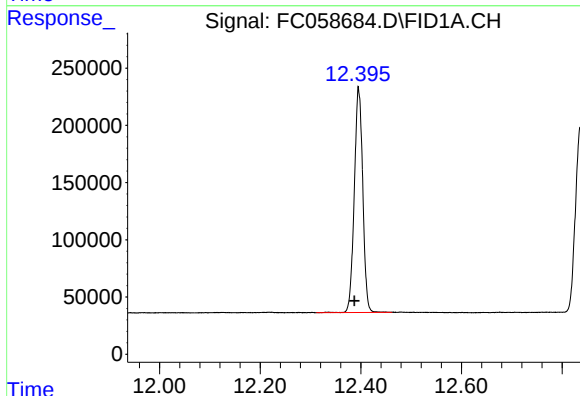
#9 ortho-Terphenyl (SURR)

R.T.: 11.402 min
Delta R.T.: 0.011 min
Response: 2537672
Conc: 17.42 ug/ml

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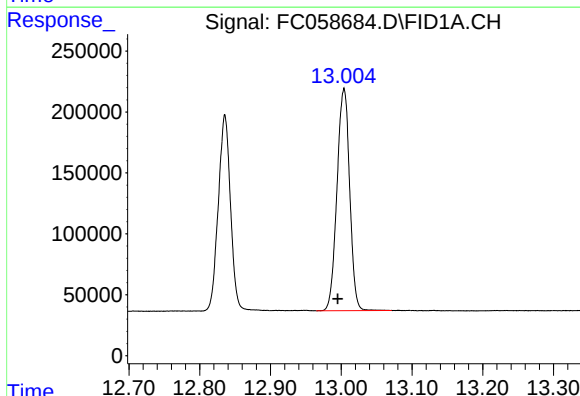
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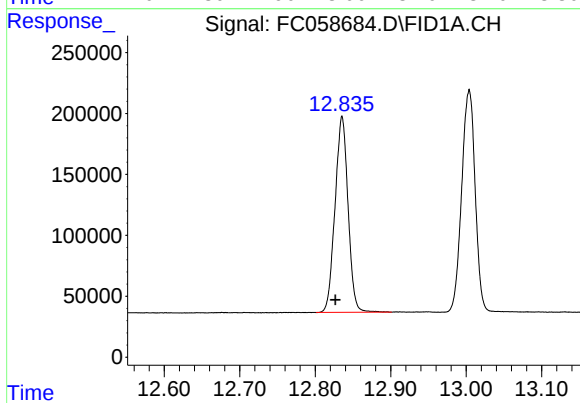
#10 n-Eicosane (C20)

R.T.: 12.396 min
Delta R.T.: 0.008 min
Response: 2292445
Conc: 17.43 ug/ml



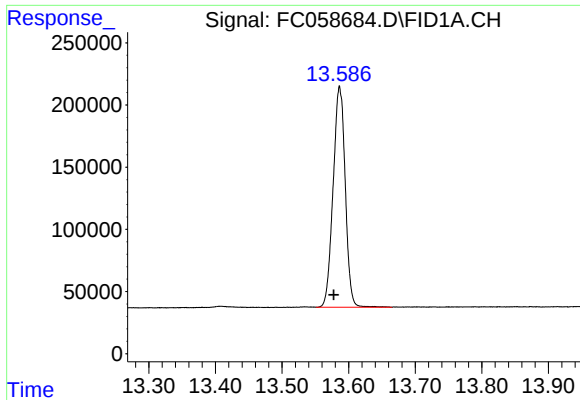
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: 0.008 min
Response: 2267177
Conc: 17.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: 0.009 min
Response: 1929169
Conc: 17.02 ug/ml



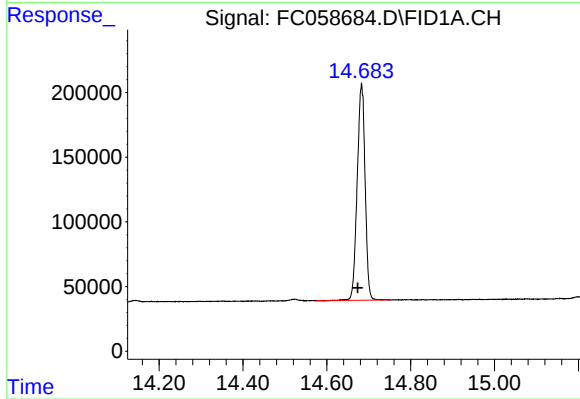
#13 n-Docosane (C22)

R.T.: 13.587 min
Delta R.T.: 0.009 min
Response: 2242686
Conc: 17.20 ug/ml

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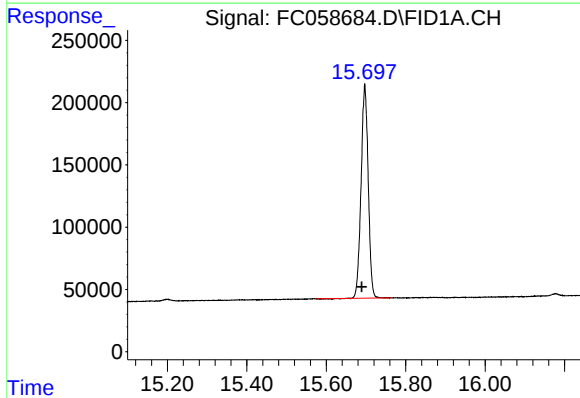
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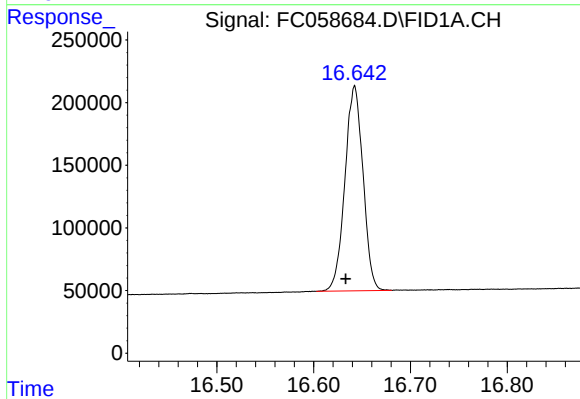
#14 n-Tetracosane (C24)

R.T.: 14.683 min
Delta R.T.: 0.009 min
Response: 2194615
Conc: 16.99 ug/ml



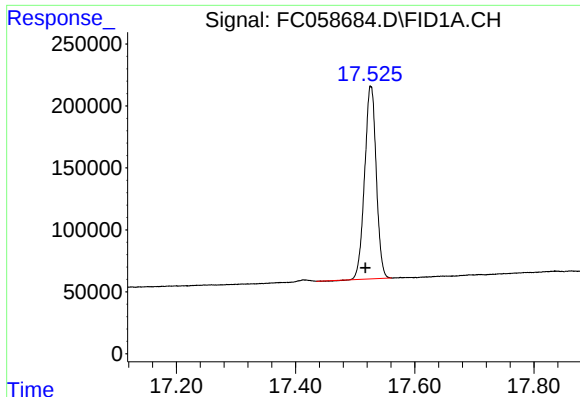
#15 n-Hexacosane (C26)

R.T.: 15.697 min
Delta R.T.: 0.008 min
Response: 2137773
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.642 min
Delta R.T.: 0.009 min
Response: 2125222
Conc: 17.85 ug/ml m



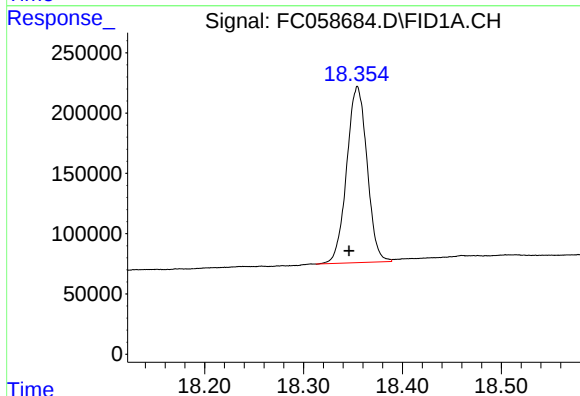
#17 n-Tricontane (C30)

R.T.: 17.526 min
Delta R.T.: 0.009 min
Response: 2100026
Conc: 18.66 ug/ml

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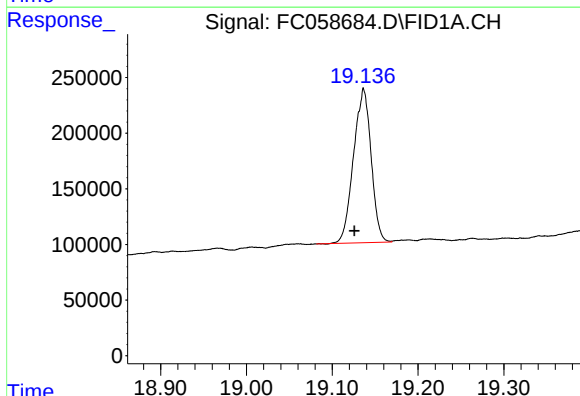
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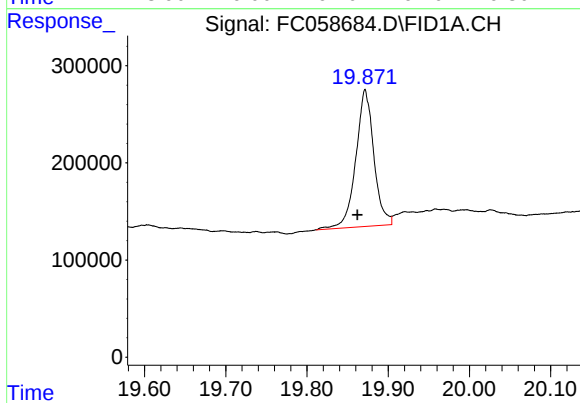
#18 n-Dotriacontane (C32)

R.T.: 18.354 min
Delta R.T.: 0.008 min
Response: 2087771
Conc: 19.42 ug/ml m



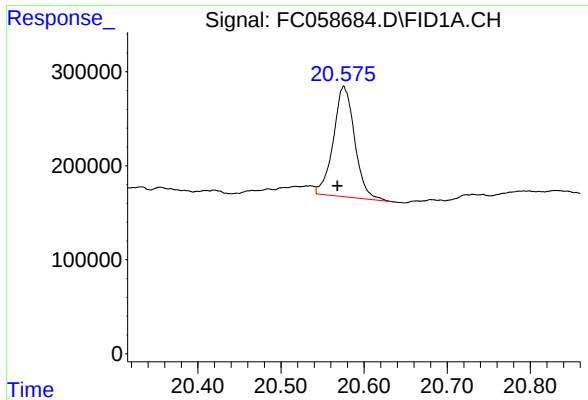
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min
Delta R.T.: 0.011 min
Response: 1971473
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.872 min
Delta R.T.: 0.010 min
Response: 2170823
Conc: 24.06 ug/ml



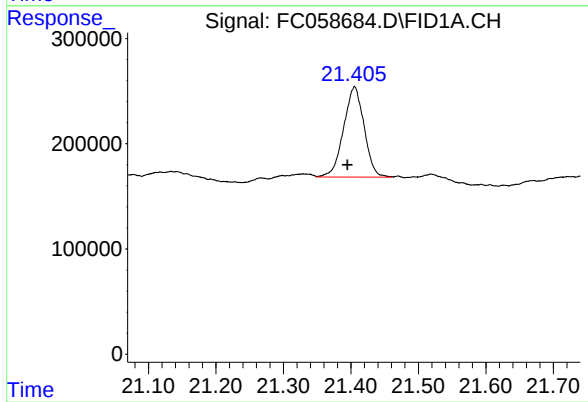
#21 n-Octatriacontane (C38)

R.T.: 20.575 min
Delta R.T.: 0.007 min
Response: 2084242
Conc: 23.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.405 min
Delta R.T.: 0.010 min
Response: 1810745
Conc: 21.58 ug/ml m