

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120821AL\
 Data File : FC057304.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2021 23:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 09 01:10:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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)	11.579	2402031	20.699 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	13.011	1854624	20.372 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	3.346	2236275	22.069 ug/ml
2) T n-Decane (C10)	4.411	2241395	22.383 ug/ml
3) T A~Naphthalene (C11.7)	6.000	2450472	21.946 ug/ml
4) T n-Dodecane (C12)	6.428	2263624	22.326 ug/ml
5) T A~2-methylnaphthalene...	7.056	2450842	22.228 ug/ml
6) T n-Tetradecane (C14)	8.221	2281785	22.521 ug/ml
7) T n-Hexadecane (C16)	9.820	2330545	22.711 ug/ml
8) T n-Octadecane (C18)	11.260	2344046	21.879 ug/ml
10) T n-Eicosane (C20)	12.566	2282970	21.345 ug/ml
11) T n-Heneicosane (C21)	13.177	2269584	20.958 ug/ml
13) T n-Docosane (C22)	13.763	2221001	20.731 ug/ml
14) T n-Tetracosane (C24)	14.863	2191013	20.239 ug/ml
15) T n-Hexacosane (C26)	15.880	2033676	19.092 ug/ml
16) T n-Octacosane (C28)	16.827	1993644	18.691 ug/ml
17) T n-Tricontane (C30)	17.711	1949983	18.295 ug/ml
18) T n-Dotriacontane (C32)	18.541	1905659	18.067 ug/ml
19) T n-Tetratriacontane (C34)	19.320	1919056	18.472 ug/ml
20) T n-Hexatriacontane (C36)	20.055	1886200	18.674 ug/ml
21) T n-Octatriacontane (C38)	20.785	1837554	20.018 ug/ml
22) T n-Tetracontane (C40)	21.685	1875103	20.815 ug/ml

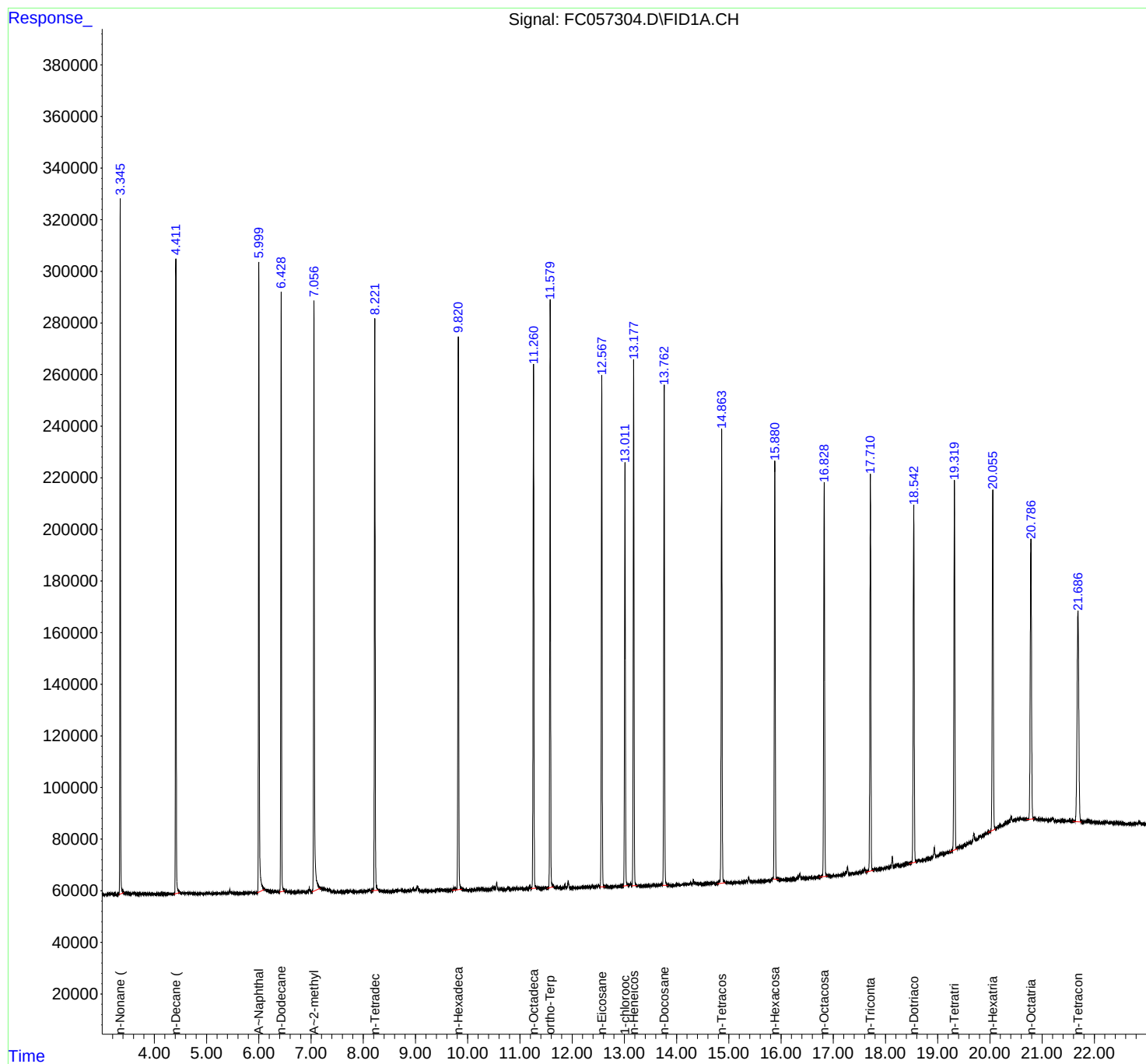
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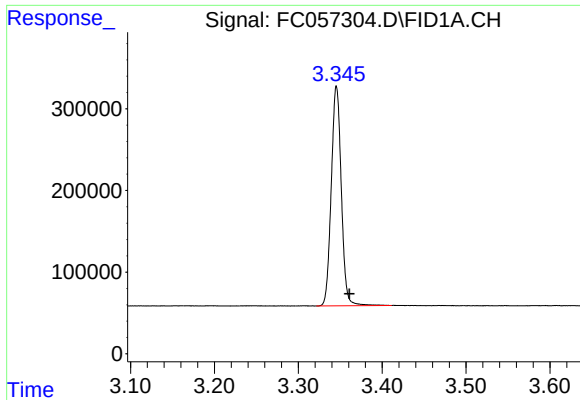
(m)=manual int.

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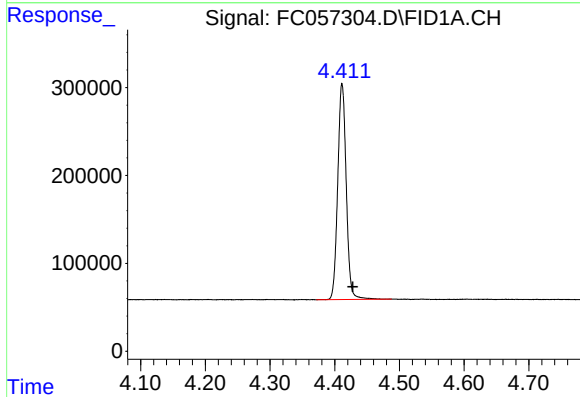
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Signal Info : 20M x 0.18mm x 0.18um





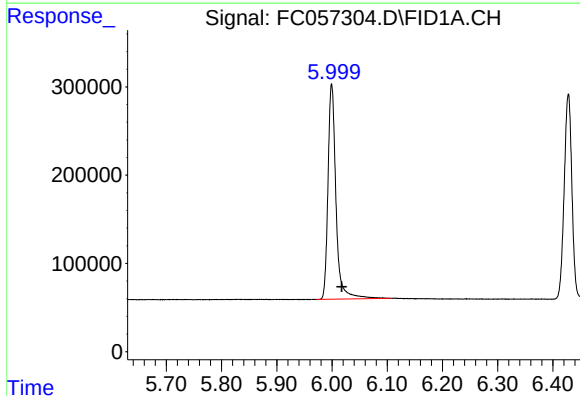
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: -0.015 min
Response: 2236275
Conc: 22.07 ug/ml



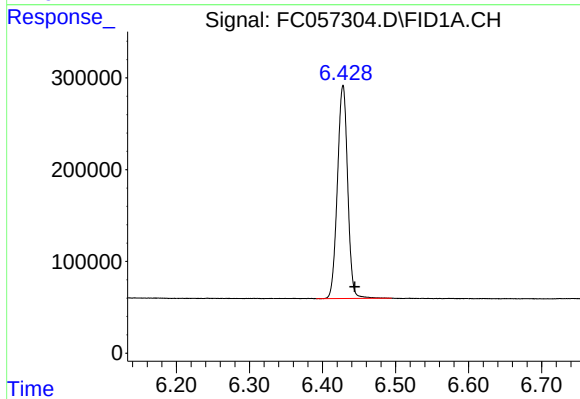
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.016 min
Response: 2241395
Conc: 22.38 ug/ml



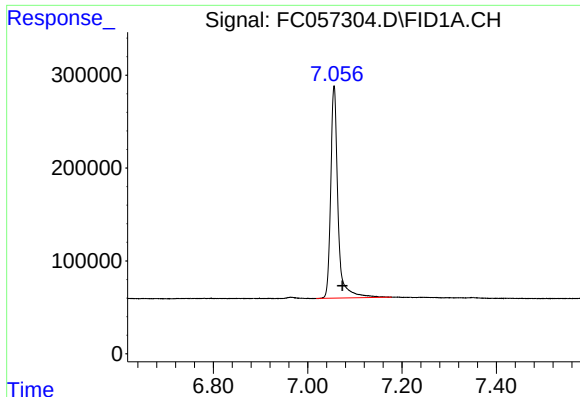
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.018 min
Response: 2450472
Conc: 21.95 ug/ml



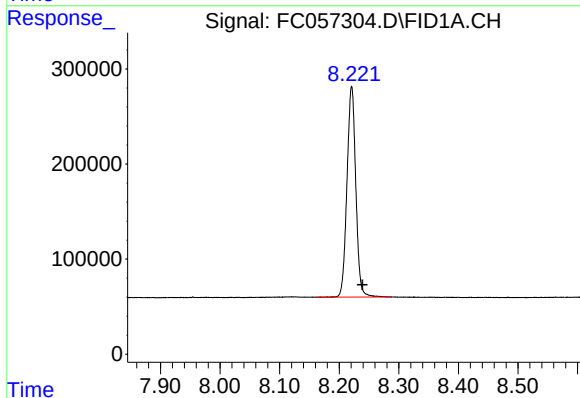
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.016 min
Response: 2263624
Conc: 22.33 ug/ml



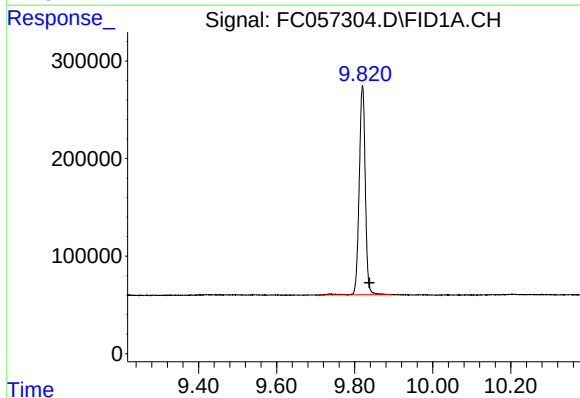
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.018 min
Response: 2450842
Conc: 22.23 ug/ml



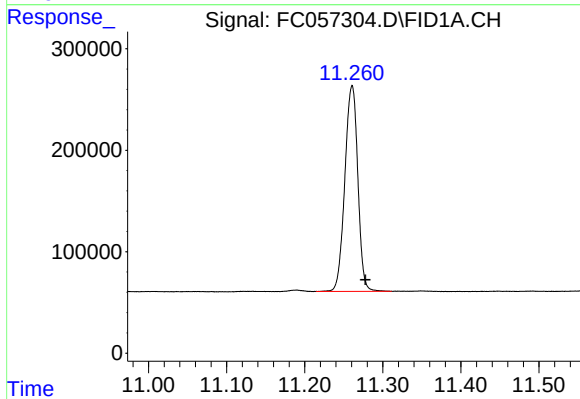
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.018 min
Response: 2281785
Conc: 22.52 ug/ml



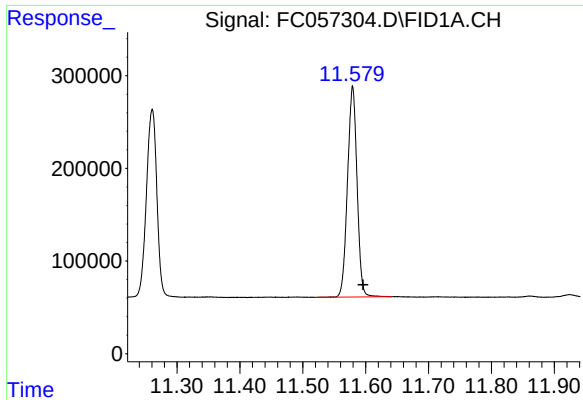
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: -0.018 min
Response: 2330545
Conc: 22.71 ug/ml



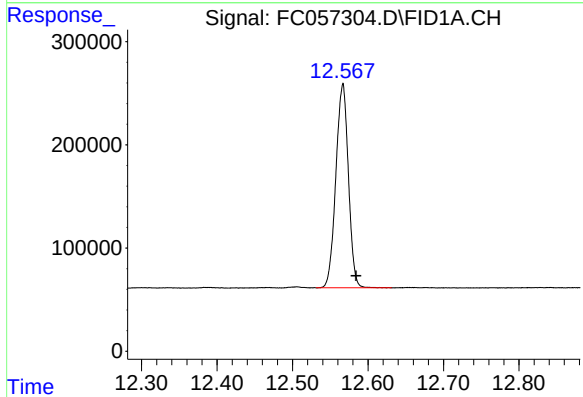
#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.017 min
Response: 2344046
Conc: 21.88 ug/ml



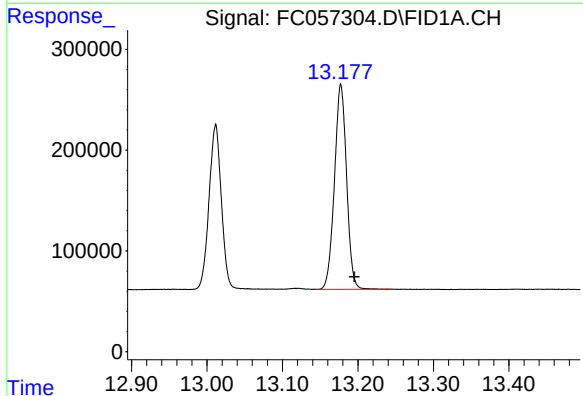
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.017 min
Response: 2402031
Conc: 20.70 ug/ml



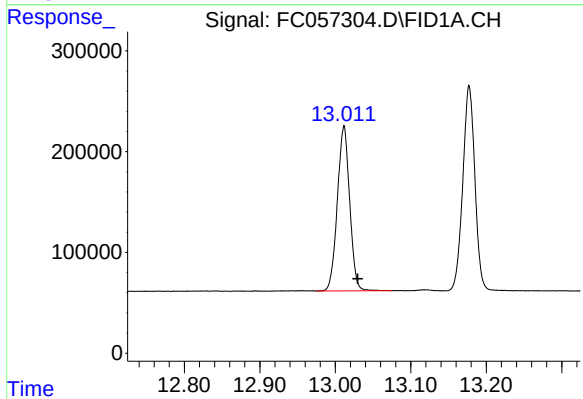
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.018 min
Response: 2282970
Conc: 21.35 ug/ml



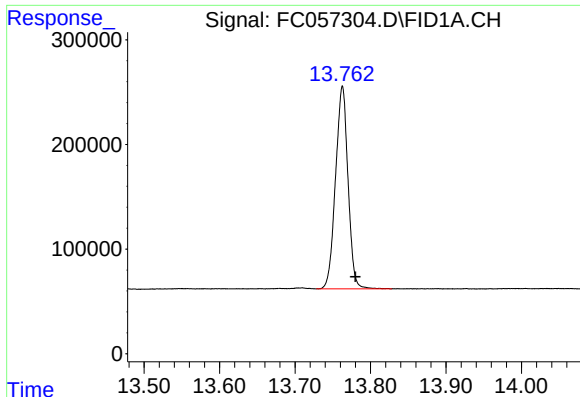
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.018 min
Response: 2269584
Conc: 20.96 ug/ml



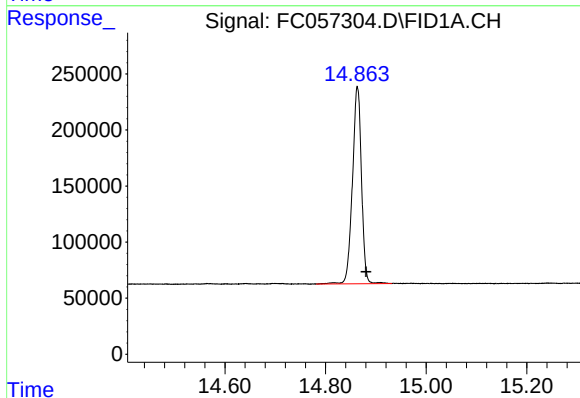
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.019 min
Response: 1854624
Conc: 20.37 ug/ml



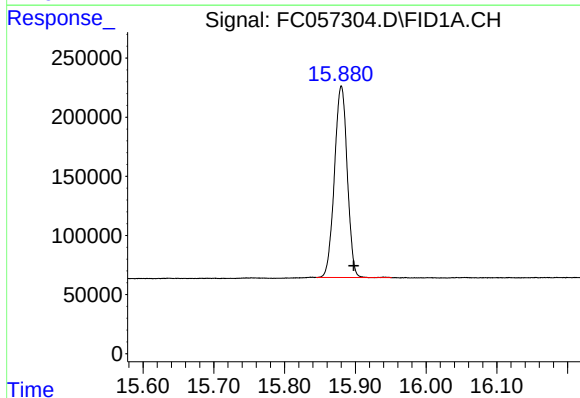
#13 n-Docosane (C22)

R.T.: 13.763 min
Delta R.T.: -0.017 min
Response: 2221001
Conc: 20.73 ug/ml



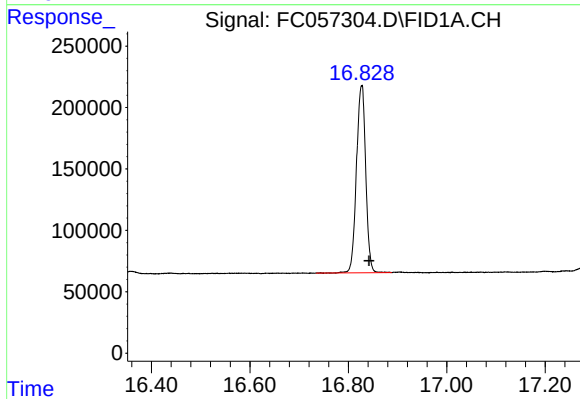
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.017 min
Response: 2191013
Conc: 20.24 ug/ml



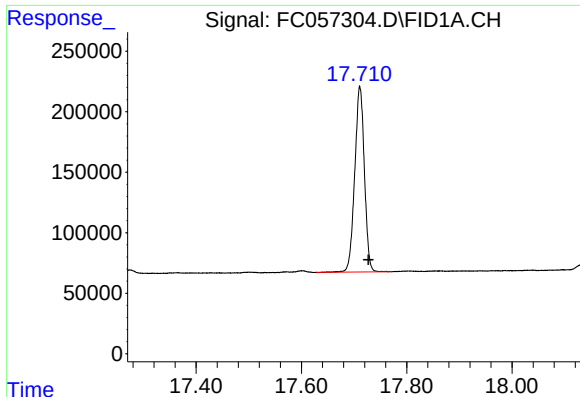
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.018 min
Response: 2033676
Conc: 19.09 ug/ml



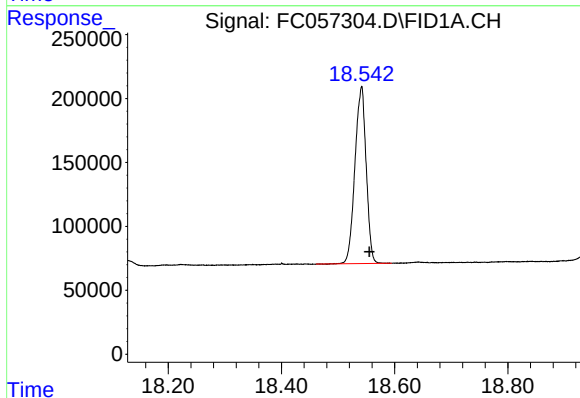
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: -0.015 min
Response: 1993644
Conc: 18.69 ug/ml



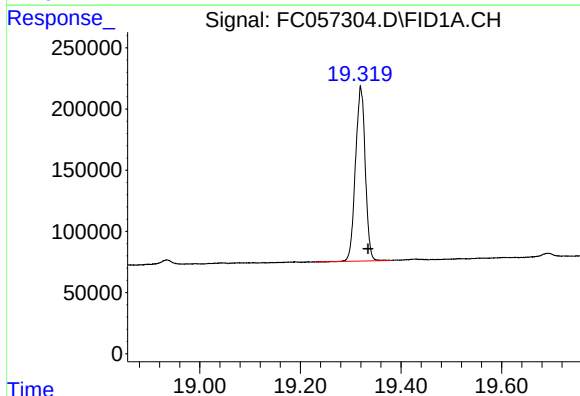
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: -0.016 min
Response: 1949983
Conc: 18.29 ug/ml



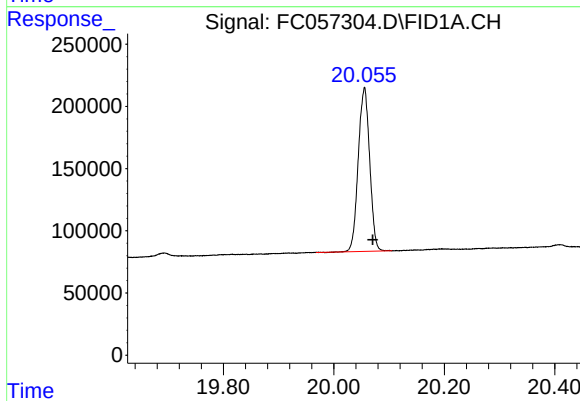
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.015 min
Response: 1905659
Conc: 18.07 ug/ml



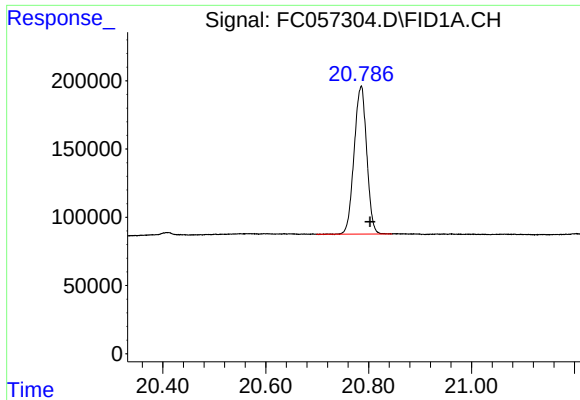
#19 n-Tetratriacontane (C34)

R.T.: 19.320 min
Delta R.T.: -0.014 min
Response: 1919056
Conc: 18.47 ug/ml



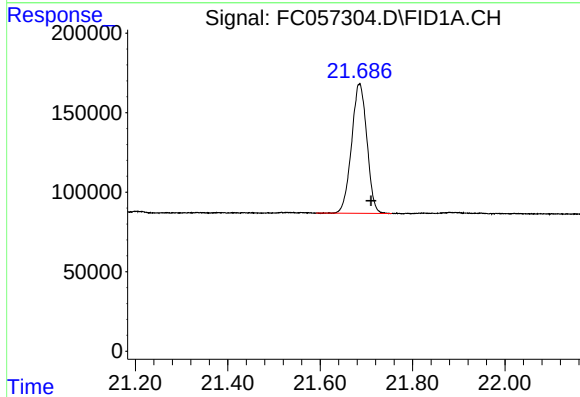
#20 n-Hexatriacontane (C36)

R.T.: 20.055 min
Delta R.T.: -0.015 min
Response: 1886200
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.018 min
Response: 1837554
Conc: 20.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.685 min
Delta R.T.: -0.025 min
Response: 1875103
Conc: 20.81 ug/ml