

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020720AL\
 Data File : FC045728.D
 Signal(s) : FID1A.CH
 Acq On : 07 Feb 2020 12:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 22:27:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.772	2238640	20.364 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	13.193	1729132	19.888 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T n-Nonane (C9)	3.522	2193920	22.682 ug/ml
2) T n-Decane (C10)	4.597	2232792	23.054 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2394646	22.421 ug/ml
4) T n-Dodecane (C12)	6.615	2244763	22.962 ug/ml
5) T A~2-methylnaphthalene...	7.257	2397208	22.363 ug/ml
6) T n-Tetradecane (C14)	8.404	2214926	22.477 ug/ml
7) T n-Hexadecane (C16)	10.001	2183201	21.807 ug/ml
8) T n-Octadecane (C18)	11.439	2146790	21.077 ug/ml
10) T n-Eicosane (C20)	12.745	2092957	20.408 ug/ml
11) T n-Heneicosane (C21)	13.357	2071263	20.011 ug/ml
13) T n-Docosane (C22)	13.942	2033084	19.705 ug/ml
14) T n-Tetracosane (C24)	15.041	1994202	19.191 ug/ml
15) T n-Hexacosane (C26)	16.059	1959038	18.962 ug/ml
16) T n-Octacosane (C28)	17.007	1960143	19.177 ug/ml
17) T n-Tricontane (C30)	17.894	1966284	20.030 ug/ml
18) T n-Dotriacontane (C32)	18.723	1719324	20.662 ug/ml
19) T n-Tetratriacontane (C34)	19.504	1479330	20.904 ug/ml
20) T n-Hexatriacontane (C36)	20.241	1339486	20.891 ug/ml
21) T n-Octatriacontane (C38)	21.015	1248712	21.349 ug/ml
22) T n-Tetracontane (C40)	21.991	1244558	21.097 ug/ml

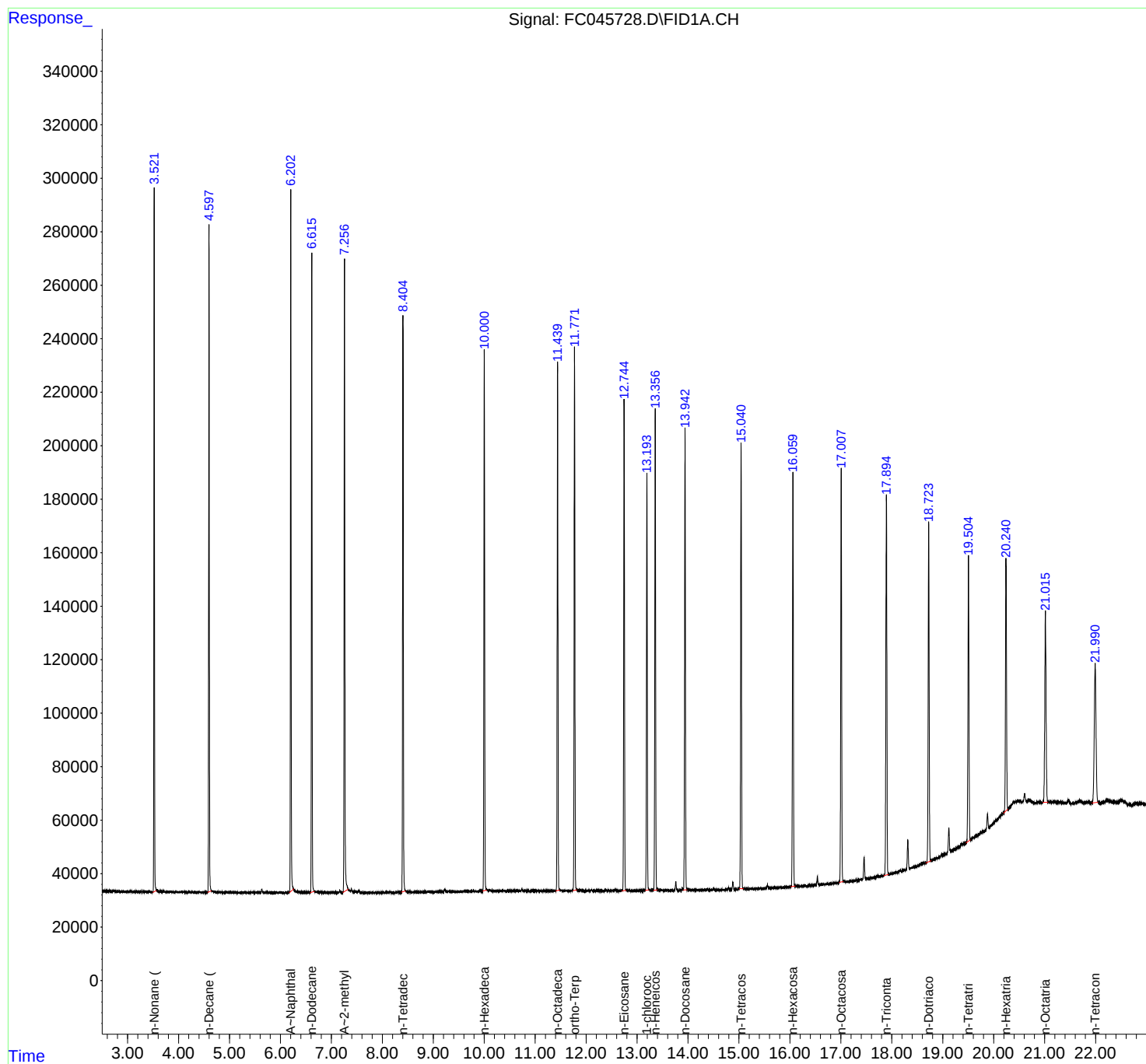
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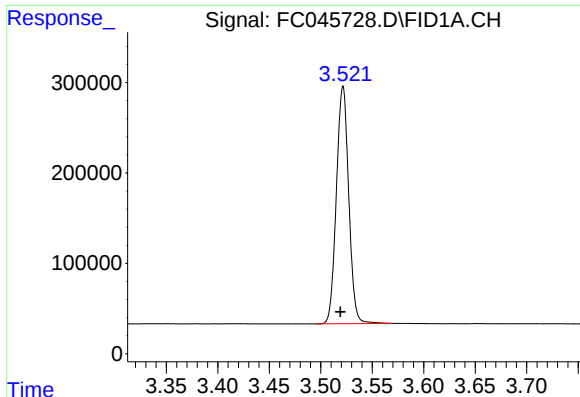
(m)=manual int.

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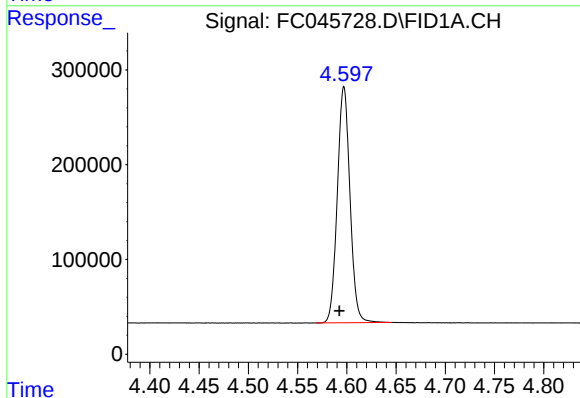
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





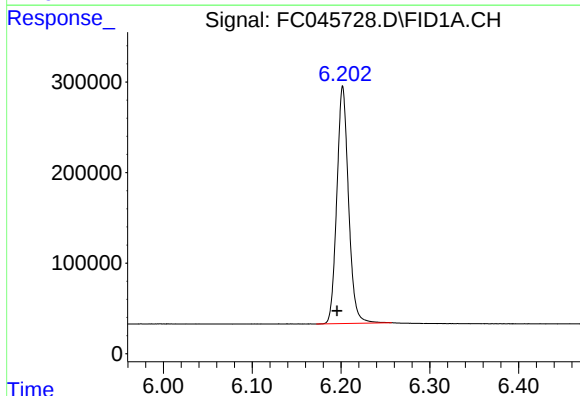
#1 n-Nonane (C9)

R.T.: 3.522 min
Delta R.T.: 0.003 min
Response: 2193920
Conc: 22.68 ug/ml



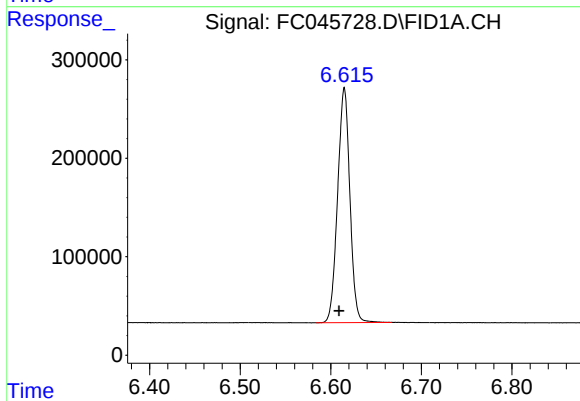
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.005 min
Response: 2232792
Conc: 23.05 ug/ml



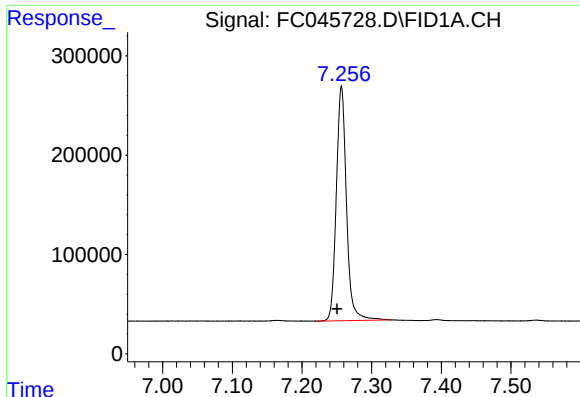
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.007 min
Response: 2394646
Conc: 22.42 ug/ml



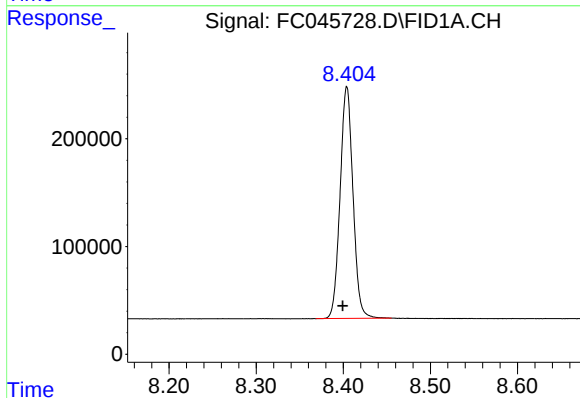
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 2244763
Conc: 22.96 ug/ml



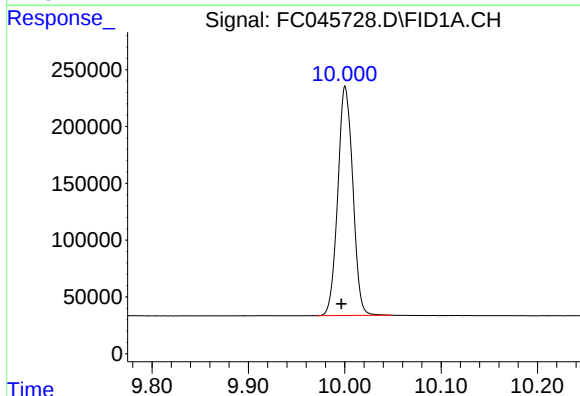
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: 0.006 min
Response: 2397208
Conc: 22.36 ug/ml



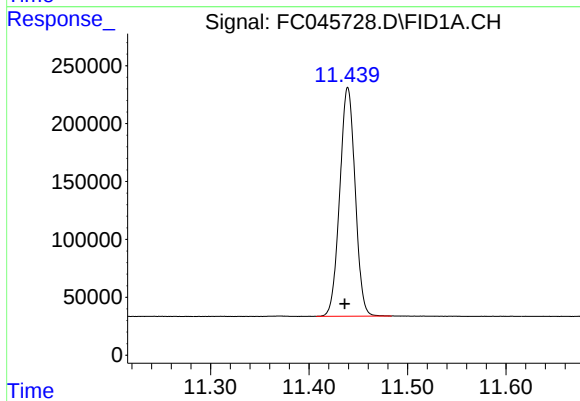
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.005 min
Response: 2214926
Conc: 22.48 ug/ml



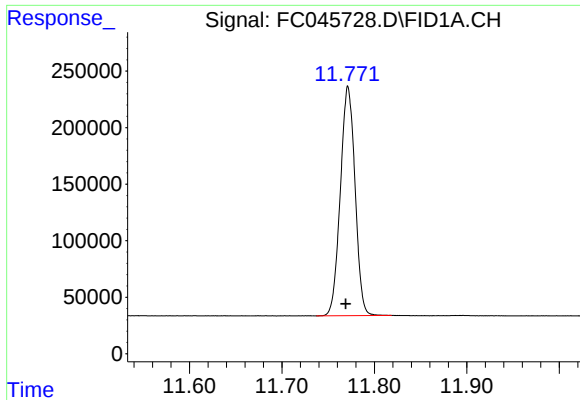
#7 n-Hexadecane (C16)

R.T.: 10.001 min
Delta R.T.: 0.004 min
Response: 2183201
Conc: 21.81 ug/ml



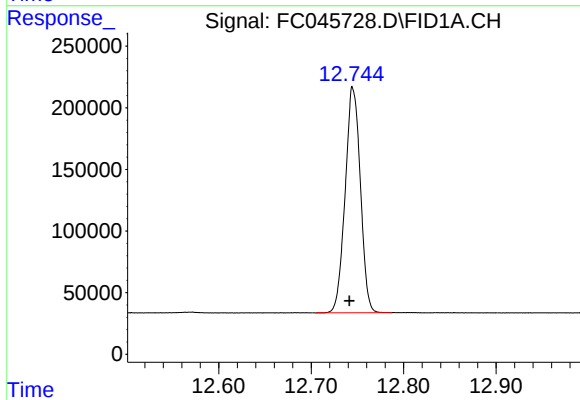
#8 n-Octadecane (C18)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 2146790
Conc: 21.08 ug/ml



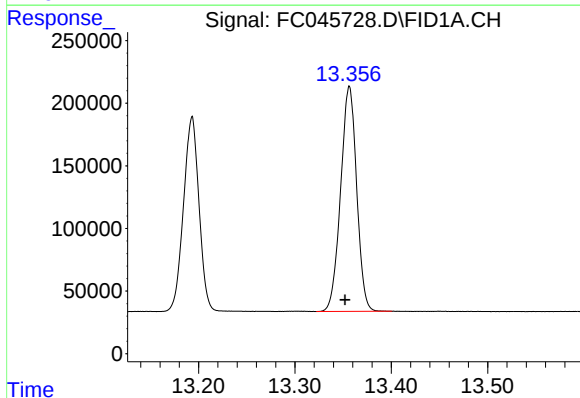
#9 ortho-Terphenyl (SURR)

R.T.: 11.772 min
Delta R.T.: 0.003 min
Response: 2238640
Conc: 20.36 ug/ml



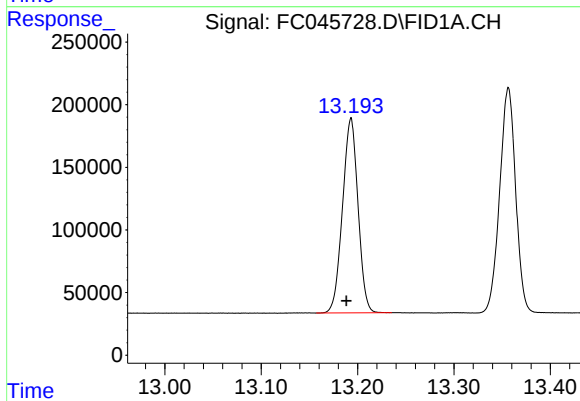
#10 n-Eicosane (C20)

R.T.: 12.745 min
Delta R.T.: 0.004 min
Response: 2092957
Conc: 20.41 ug/ml



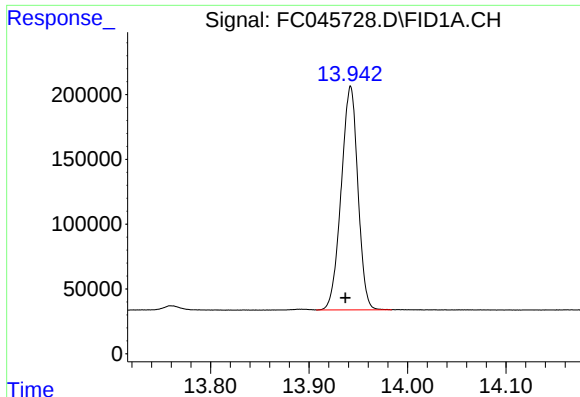
#11 n-Heneicosane (C21)

R.T.: 13.357 min
Delta R.T.: 0.004 min
Response: 2071263
Conc: 20.01 ug/ml



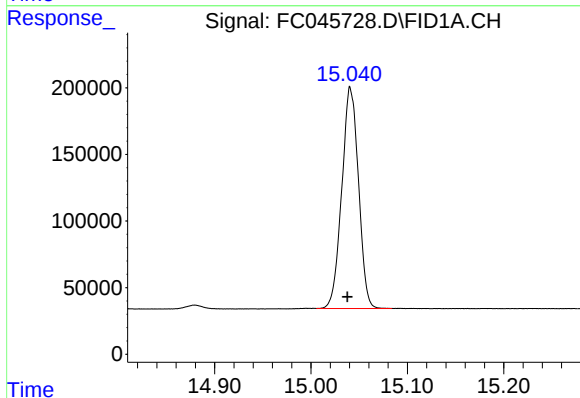
#12 1-chlorooctadecane (SURR)

R.T.: 13.193 min
Delta R.T.: 0.005 min
Response: 1729132
Conc: 19.89 ug/ml



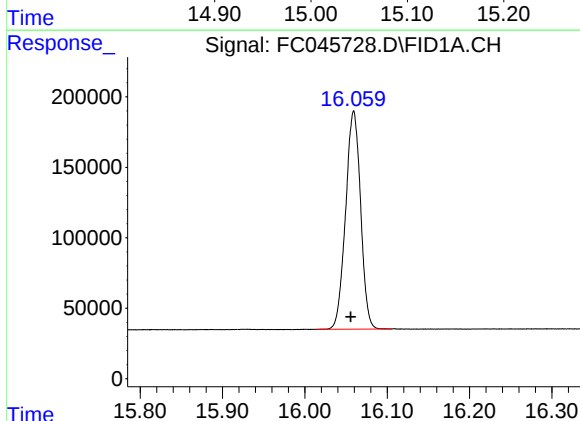
#13 n-Docosane (C22)

R.T.: 13.942 min
Delta R.T.: 0.005 min
Response: 2033084
Conc: 19.70 ug/ml



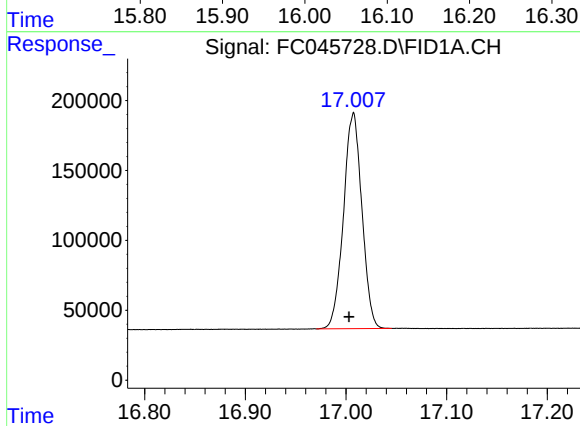
#14 n-Tetracosane (C24)

R.T.: 15.041 min
Delta R.T.: 0.003 min
Response: 1994202
Conc: 19.19 ug/ml



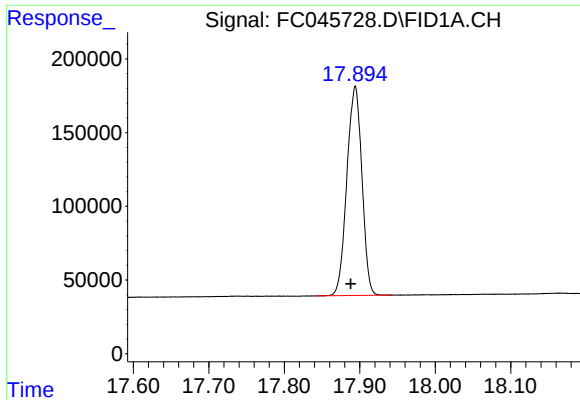
#15 n-Hexacosane (C26)

R.T.: 16.059 min
Delta R.T.: 0.004 min
Response: 1959038
Conc: 18.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.007 min
Delta R.T.: 0.004 min
Response: 1960143
Conc: 19.18 ug/ml



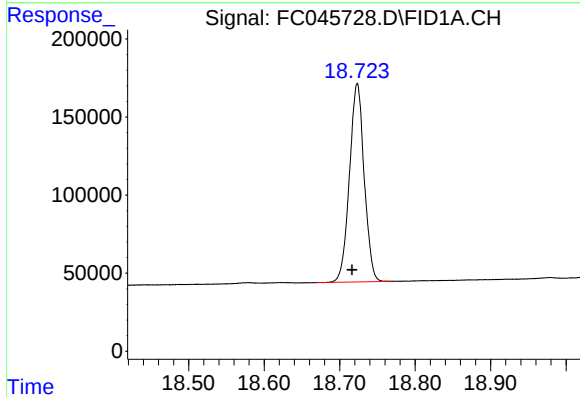
#17 n-Tricontane (C30)

R.T.: 17.894 min

Delta R.T.: 0.006 min

Response: 1966284

Conc: 20.03 ug/ml



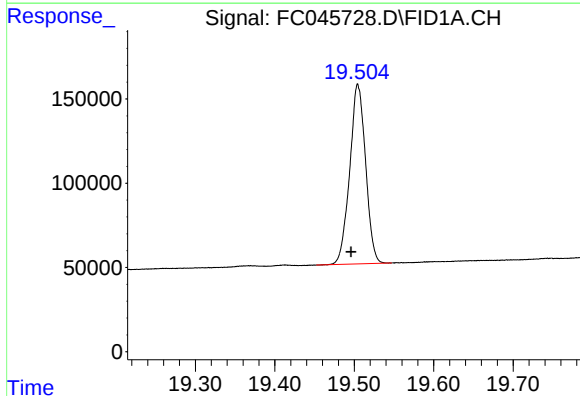
#18 n-Dotriacontane (C32)

R.T.: 18.723 min

Delta R.T.: 0.007 min

Response: 1719324

Conc: 20.66 ug/ml



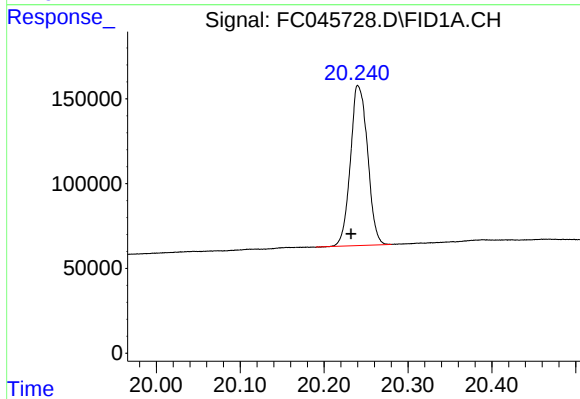
#19 n-Tetratriacontane (C34)

R.T.: 19.504 min

Delta R.T.: 0.008 min

Response: 1479330

Conc: 20.90 ug/ml



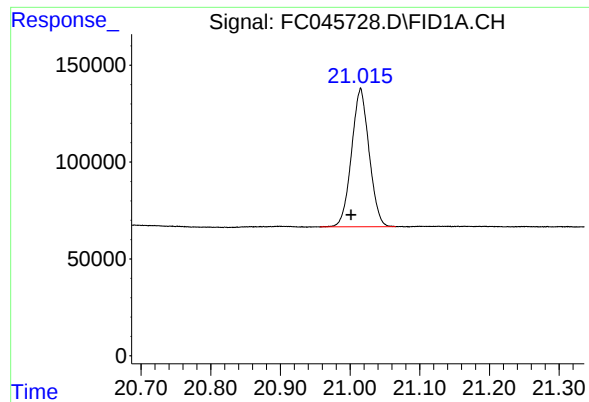
#20 n-Hexatriacontane (C36)

R.T.: 20.241 min

Delta R.T.: 0.009 min

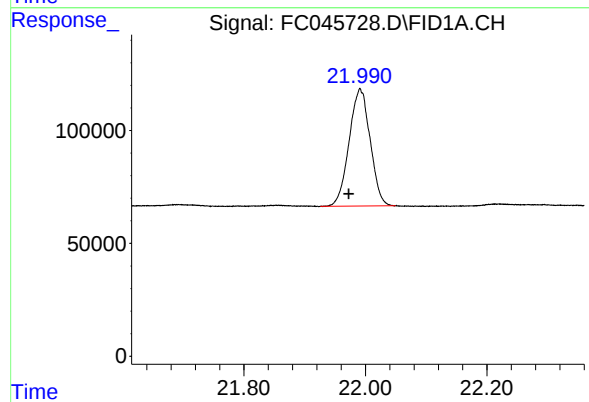
Response: 1339486

Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.014 min
Response: 1248712
Conc: 21.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.019 min
Response: 1244558
Conc: 21.10 ug/ml