

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031220AL\
 Data File : FC046291.D
 Signal(s) : FID1A.CH
 Acq On : 12 Mar 2020 11:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 13 02:20:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.758	2198541	19.272 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
12) S 1-chlorooctadecane (S...	13.175	1700779	18.959 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.537	2173616	21.563 ug/ml
2) T n-Decane (C10)	4.606	2186229	21.675 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2283934	20.569 ug/ml
4) T n-Dodecane (C12)	6.615	2194910	21.515 ug/ml
5) T A~2-methylnaphthalene...	7.257	2274024	20.443 ug/ml
6) T n-Tetradecane (C14)	8.400	2174370	21.241 ug/ml
7) T n-Hexadecane (C16)	9.992	2134725	20.618 ug/ml
8) T n-Octadecane (C18)	11.426	2116628	20.135 ug/ml
10) T n-Eicosane (C20)	12.728	2069448	19.577 ug/ml
11) T n-Heneicosane (C21)	13.338	2057740	19.293 ug/ml
13) T n-Docosane (C22)	13.922	2021788	19.027 ug/ml
14) T n-Tetracosane (C24)	15.019	1994807	18.638 ug/ml
15) T n-Hexacosane (C26)	16.034	1956894	18.412 ug/ml
16) T n-Octacosane (C28)	16.980	1914352	18.285 ug/ml
17) T n-Tricontane (C30)	17.863	1863985	18.497 ug/ml
18) T n-Dotriacontane (C32)	18.692	1612122	18.837 ug/ml
19) T n-Tetratriacontane (C34)	19.471	1406314	19.376 ug/ml
20) T n-Hexatriacontane (C36)	20.207	1336918	19.769 ug/ml
21) T n-Octatriacontane (C38)	20.968	1301312	21.530 ug/ml
22) T n-Tetracontane (C40)	21.931	1351448	21.496 ug/ml

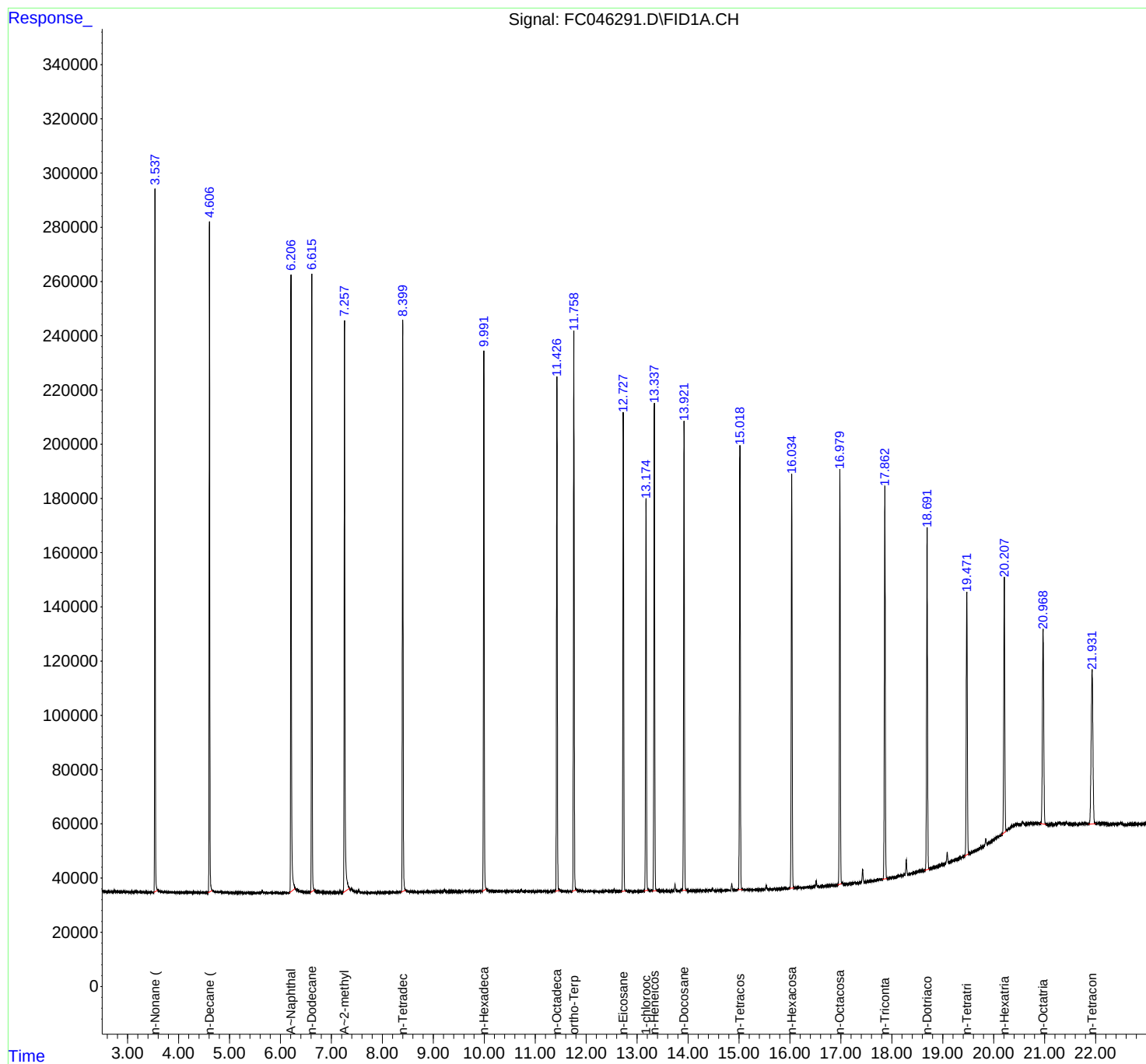
(f)=RT Delta > 1/2 Window

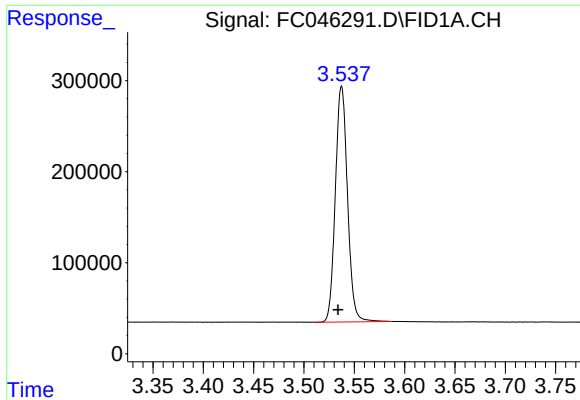
(m)=manual int.

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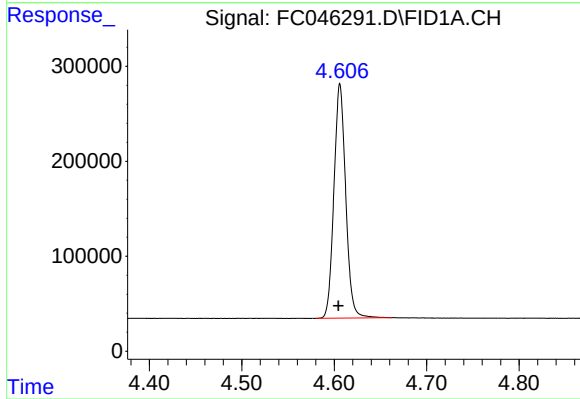
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





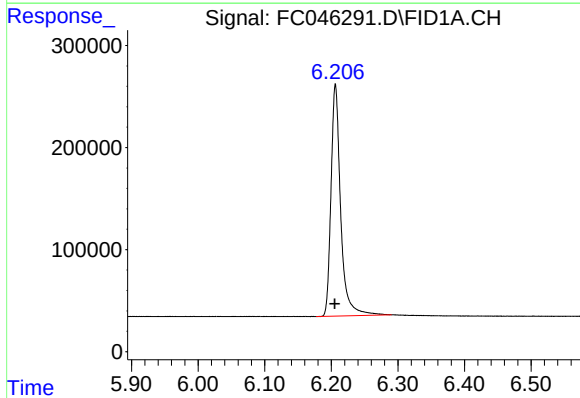
#1 n-Nonane (C9)

R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2173616
Conc: 21.56 ug/ml



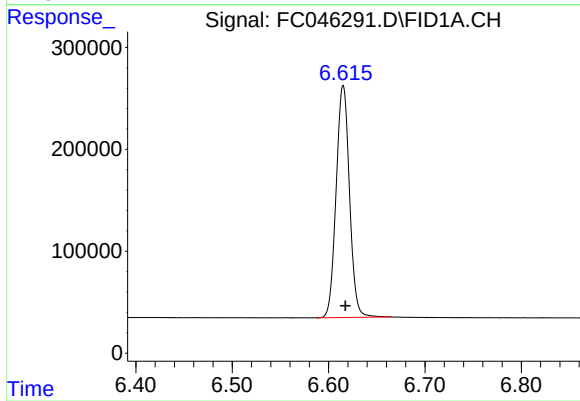
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 2186229
Conc: 21.68 ug/ml



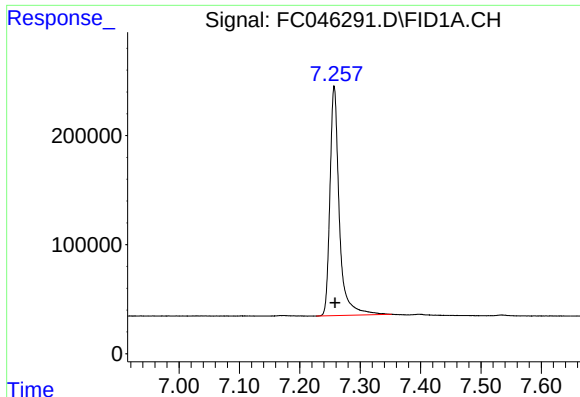
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 2283934
Conc: 20.57 ug/ml



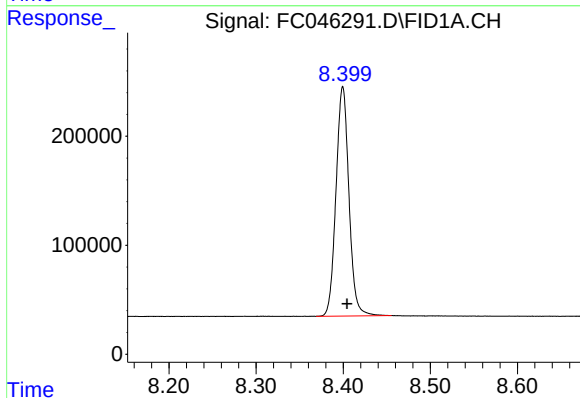
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2194910
Conc: 21.51 ug/ml



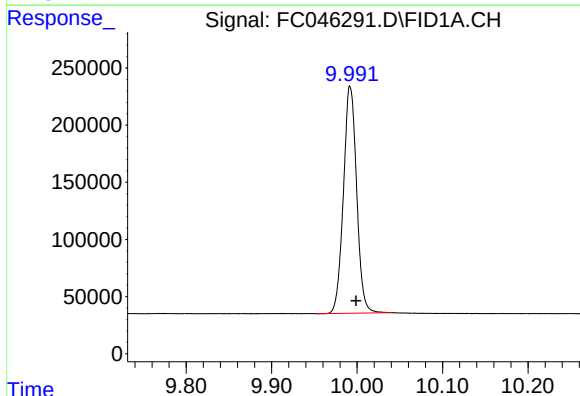
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 2274024
Conc: 20.44 ug/ml



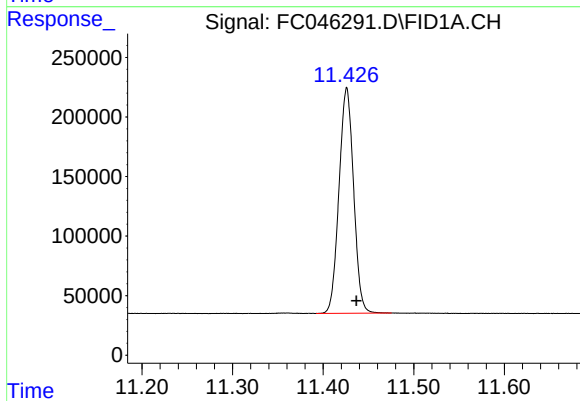
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: -0.005 min
Response: 2174370
Conc: 21.24 ug/ml



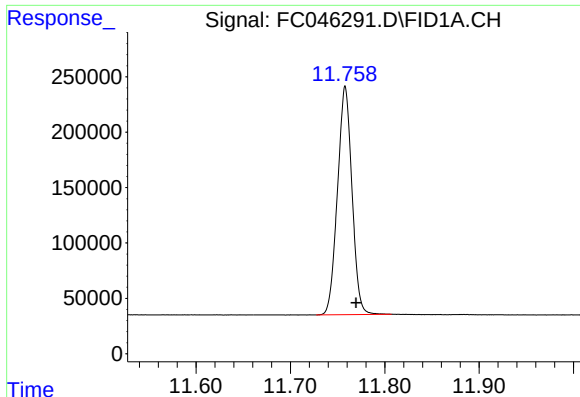
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.007 min
Response: 2134725
Conc: 20.62 ug/ml



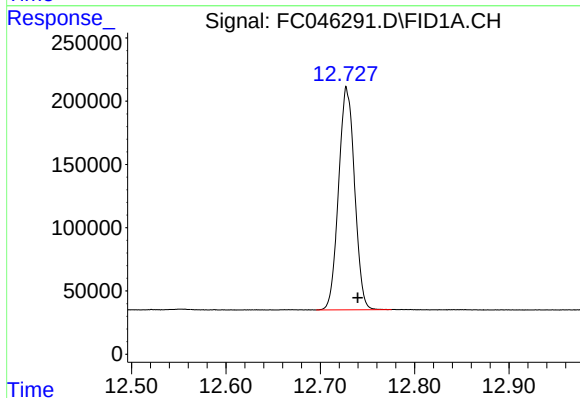
#8 n-Octadecane (C18)

R.T.: 11.426 min
Delta R.T.: -0.011 min
Response: 2116628
Conc: 20.13 ug/ml



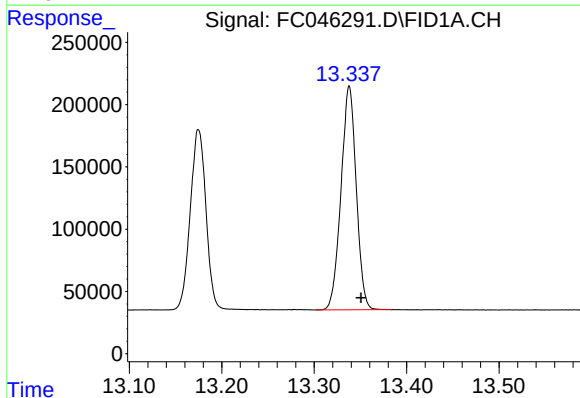
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: -0.011 min
Response: 2198541
Conc: 19.27 ug/ml



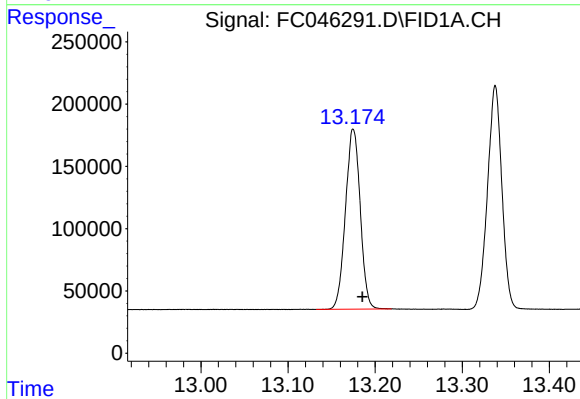
#10 n-Eicosane (C20)

R.T.: 12.728 min
Delta R.T.: -0.012 min
Response: 2069448
Conc: 19.58 ug/ml



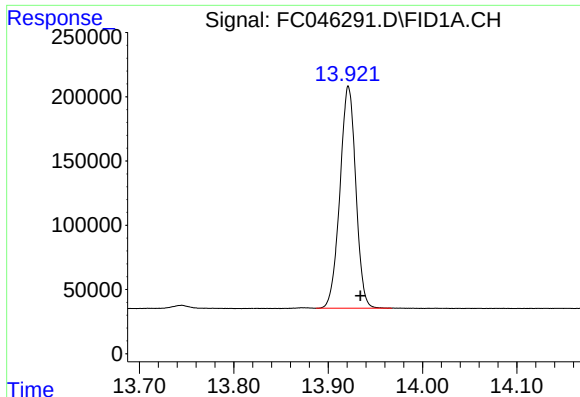
#11 n-Heneicosane (C21)

R.T.: 13.338 min
Delta R.T.: -0.013 min
Response: 2057740
Conc: 19.29 ug/ml



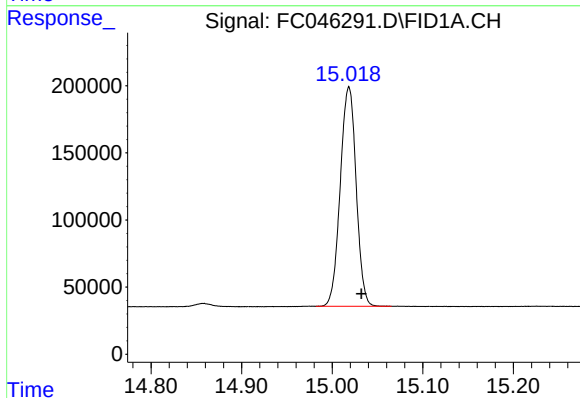
#12 1-chlorooctadecane (SURR)

R.T.: 13.175 min
Delta R.T.: -0.011 min
Response: 1700779
Conc: 18.96 ug/ml



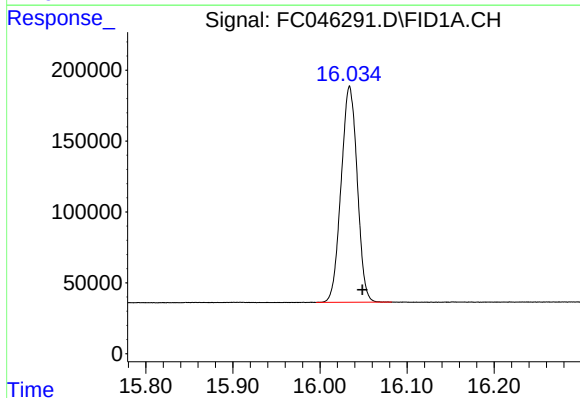
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: -0.013 min
Response: 2021788
Conc: 19.03 ug/ml



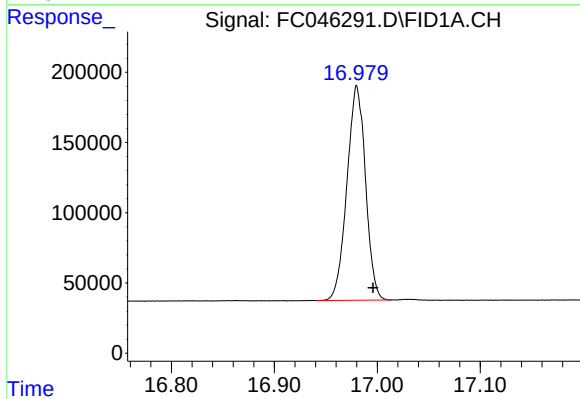
#14 n-Tetracosane (C24)

R.T.: 15.019 min
Delta R.T.: -0.014 min
Response: 1994807
Conc: 18.64 ug/ml



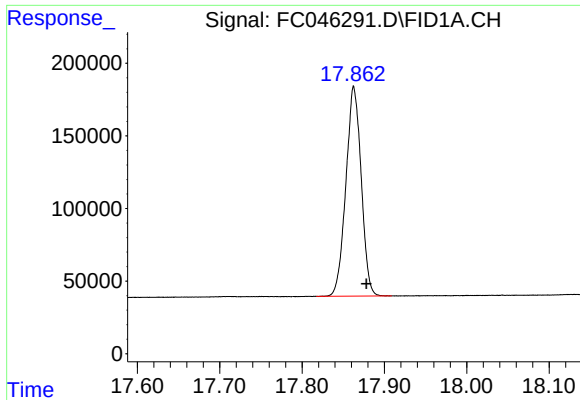
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: -0.015 min
Response: 1956894
Conc: 18.41 ug/ml



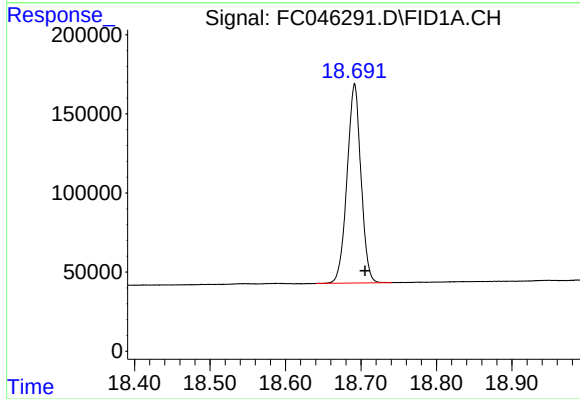
#16 n-Octacosane (C28)

R.T.: 16.980 min
Delta R.T.: -0.016 min
Response: 1914352
Conc: 18.28 ug/ml



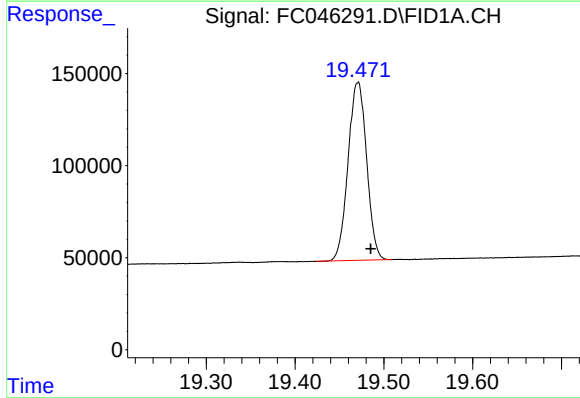
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.015 min
Response: 1863985
Conc: 18.50 ug/ml



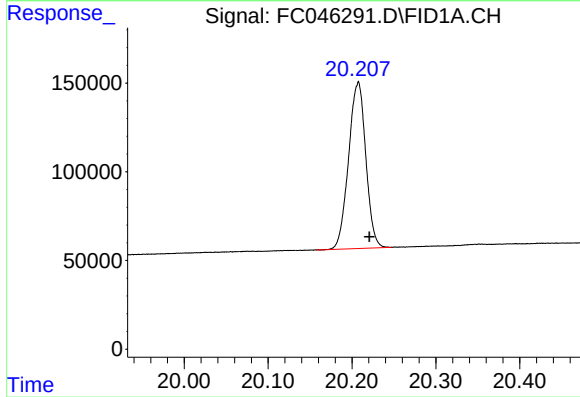
#18 n-Dotriacontane (C32)

R.T.: 18.692 min
Delta R.T.: -0.014 min
Response: 1612122
Conc: 18.84 ug/ml



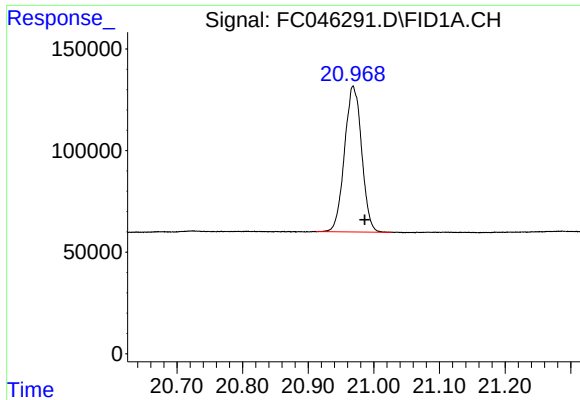
#19 n-Tetratriacontane (C34)

R.T.: 19.471 min
Delta R.T.: -0.015 min
Response: 1406314
Conc: 19.38 ug/ml



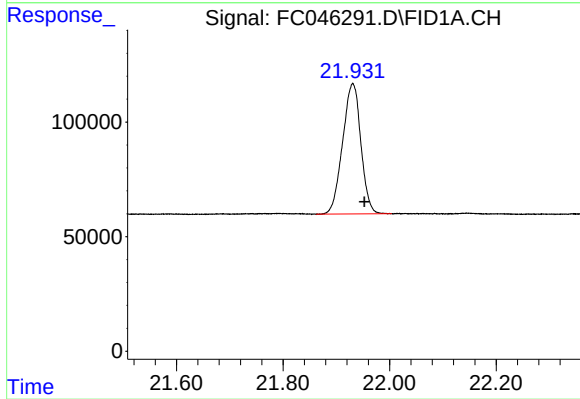
#20 n-Hexatriacontane (C36)

R.T.: 20.207 min
Delta R.T.: -0.013 min
Response: 1336918
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: -0.018 min
Response: 1301312
Conc: 21.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: -0.022 min
Response: 1351448
Conc: 21.50 ug/ml