

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120518AL\
 Data File : FC038024.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2018 1:12
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 06 04:41:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 2018
 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)	11.287	2440042	22.364 ug/ml
Spiked Amount 50.000		Recovery =	44.73%
12) S 1-chlorooctadecane (S...	12.730	1788922	20.865 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T n-Nonane (C9)	3.122	1666031	20.312 ug/ml
2) T n-Decane (C10)	4.181	1766114	21.434 ug/ml
3) T A~Naphthalene (C11.7)	5.742	2181454	23.380 ug/ml
4) T n-Dodecane (C12)	6.187	1875294	22.069 ug/ml
5) T A~2-methylnaphthalene...	6.790	2184587	22.997 ug/ml
6) T n-Tetradecane (C14)	7.968	1968747	22.016 ug/ml
7) T n-Hexadecane (C16)	9.557	2033952	21.925 ug/ml
8) T n-Octadecane (C18)	10.991	2051369	20.881 ug/ml
10) T n-Eicosane (C20)	12.292	2072433	20.741 ug/ml
11) T n-Heneicosane (C21)	12.900	2058253	20.824 ug/ml
13) T n-Docosane (C22)	13.483	2062866	20.567 ug/ml
14) T n-Tetracosane (C24)	14.579	2067168	20.345 ug/ml
15) T n-Hexacosane (C26)	15.594	2045655	20.223 ug/ml
16) T n-Octacosane (C28)	16.542	2093289	20.923 ug/mlm
17) T n-Tricontane (C30)	17.423	2227027	22.677 ug/mlm
18) T n-Dotriacontane (C32)	18.252	2161235	23.521 ug/mlm
19) T n-Tetratriacontane (C34)	19.033	1796079	22.456 ug/ml
20) T n-Hexatriacontane (C36)	19.769	1537478	21.377 ug/mlm
21) T n-Octatriacontane (C38)	20.471	1400060	19.897 ug/mlm
22) T n-Tetracontane (C40)	21.277	1336085	18.661 ug/mlm

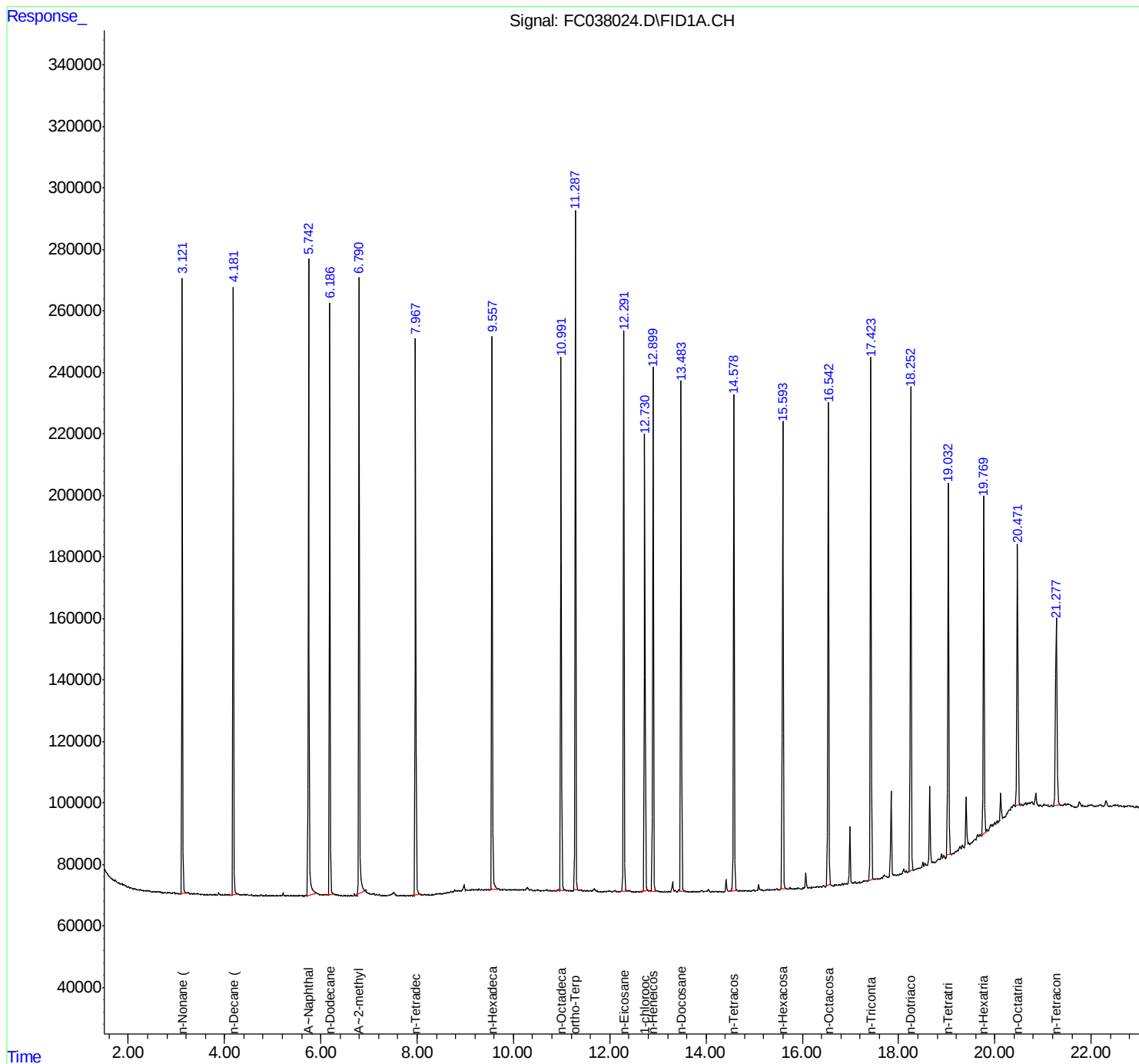
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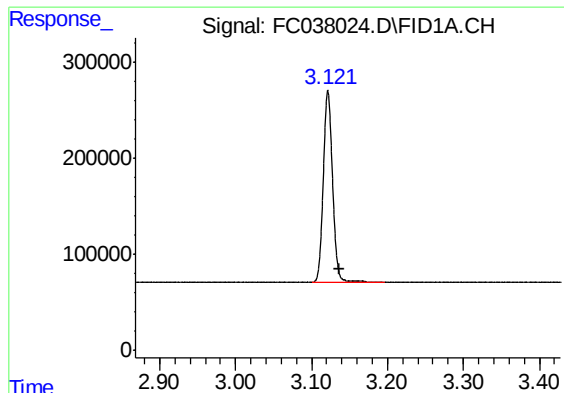
(m)=manual int.

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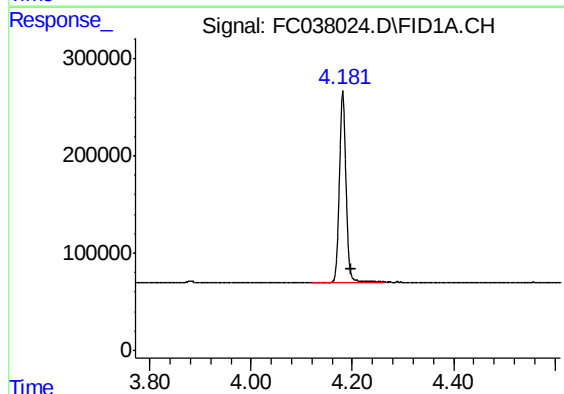
Volume Inj. : 1 ul
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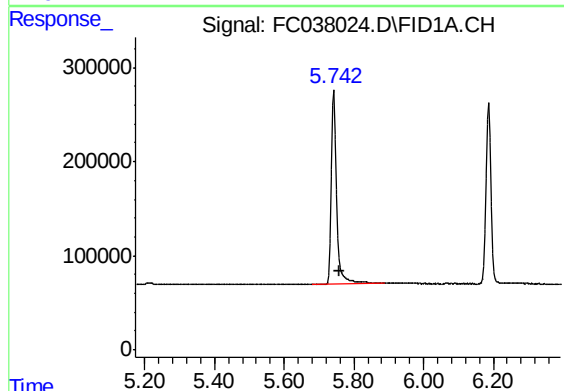
#1 n-Nonane (C9)

R.T.: 3.122 min
Delta R.T.: -0.015 min
Response: 1666031
Conc: 20.31 ug/ml



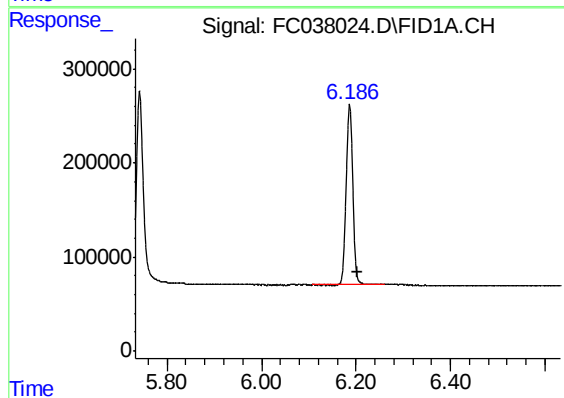
#2 n-Decane (C10)

R.T.: 4.181 min
Delta R.T.: -0.016 min
Response: 1766114
Conc: 21.43 ug/ml



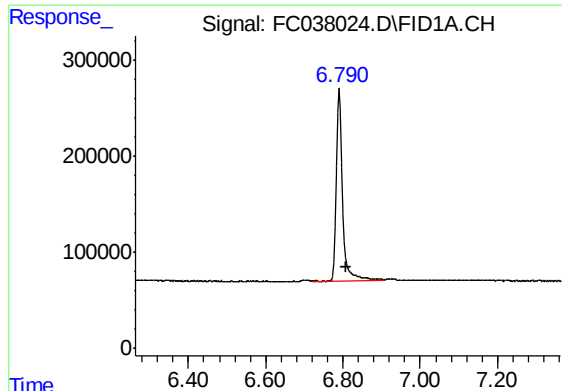
#3 A~Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: -0.018 min
Response: 2181454
Conc: 23.38 ug/ml



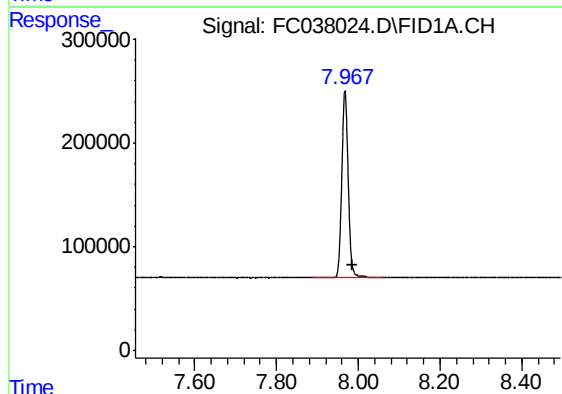
#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: -0.017 min
Response: 1875294
Conc: 22.07 ug/ml



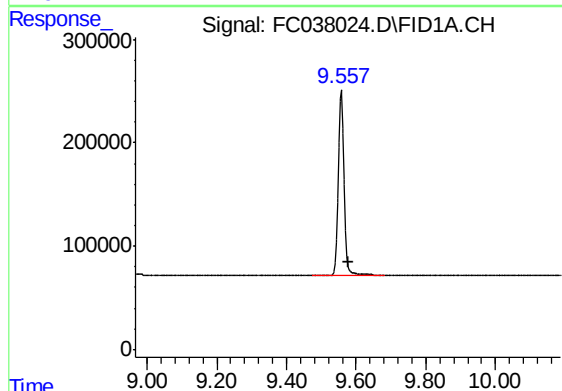
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.790 min
Delta R.T.: -0.019 min
Response: 2184587
Conc: 23.00 ug/ml



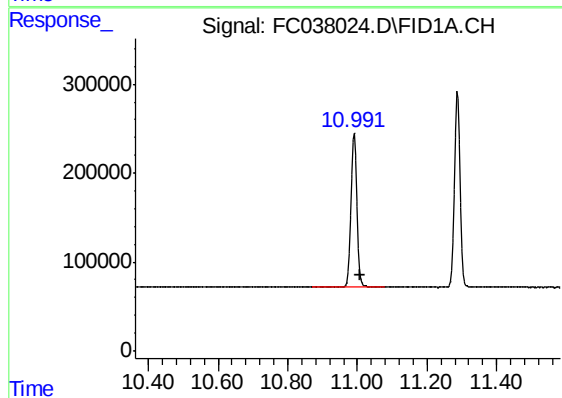
#6 n-Tetradecane (C14)

R.T.: 7.968 min
Delta R.T.: -0.019 min
Response: 1968747
Conc: 22.02 ug/ml



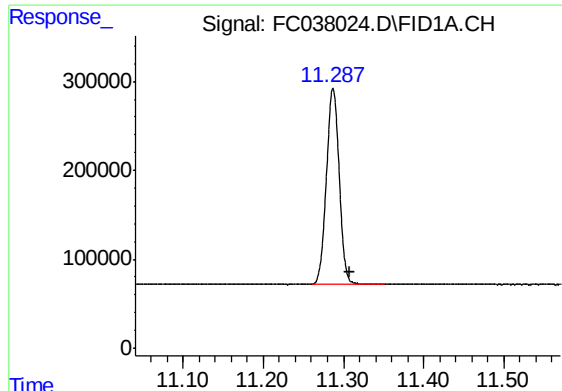
#7 n-Hexadecane (C16)

R.T.: 9.557 min
Delta R.T.: -0.020 min
Response: 2033952
Conc: 21.93 ug/ml



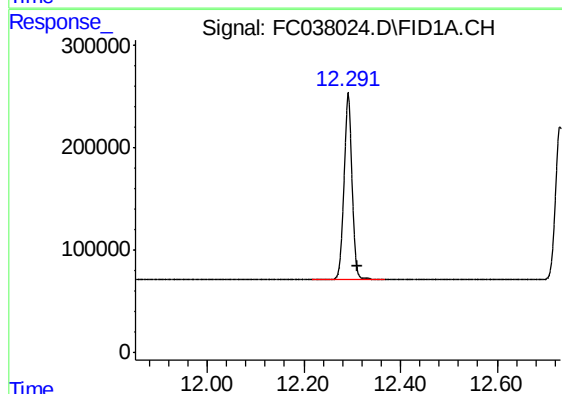
#8 n-Octadecane (C18)

R.T.: 10.991 min
Delta R.T.: -0.019 min
Response: 2051369
Conc: 20.88 ug/ml



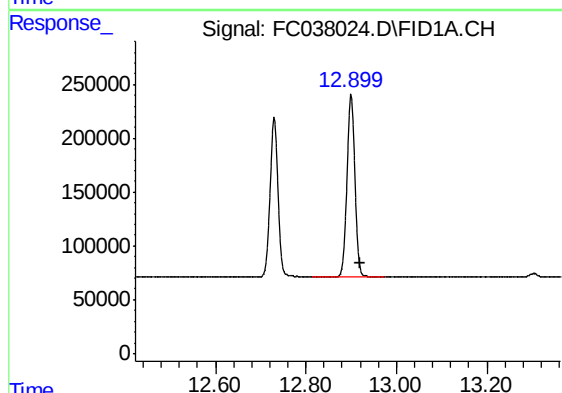
#9 ortho-Terphenyl (SURR)

R.T.: 11.287 min
Delta R.T.: -0.021 min
Response: 2440042
Conc: 22.36 ug/ml



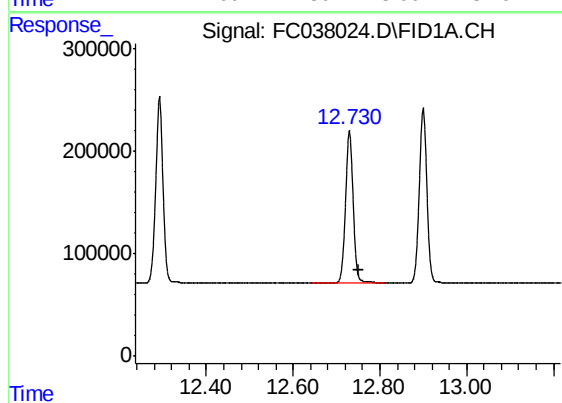
#10 n-Eicosane (C20)

R.T.: 12.292 min
Delta R.T.: -0.020 min
Response: 2072433
Conc: 20.74 ug/ml



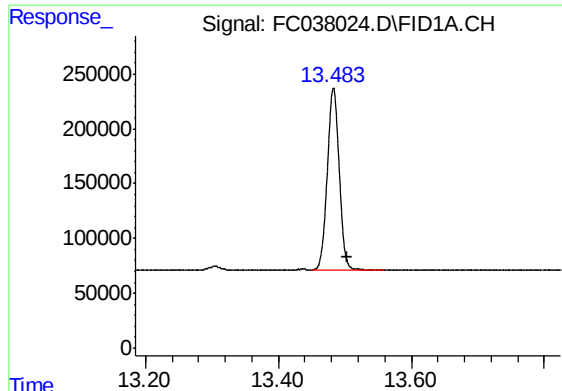
#11 n-Heneicosane (C21)

R.T.: 12.900 min
Delta R.T.: -0.020 min
Response: 2058253
Conc: 20.82 ug/ml



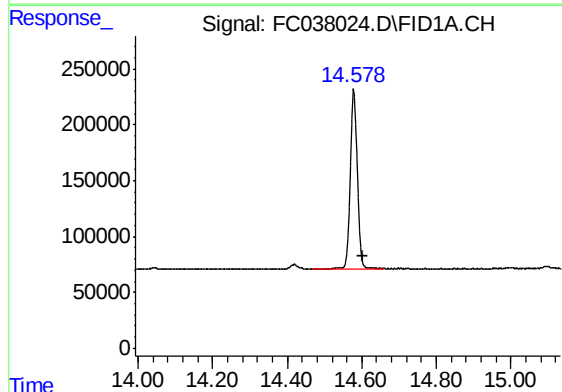
#12 1-chlorooctadecane (SURR)

R.T.: 12.730 min
Delta R.T.: -0.020 min
Response: 1788922
Conc: 20.86 ug/ml



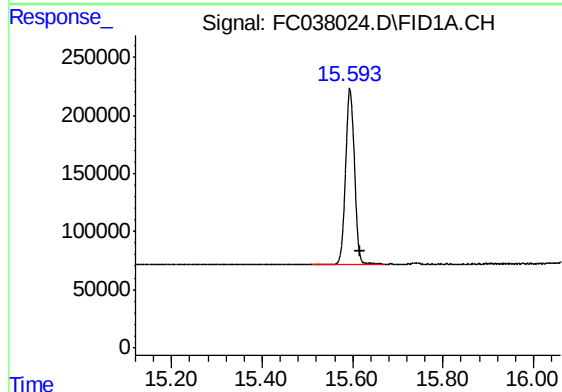
#13 n-Docosane (C22)

R.T.: 13.483 min
Delta R.T.: -0.021 min
Response: 2062866
Conc: 20.57 ug/ml



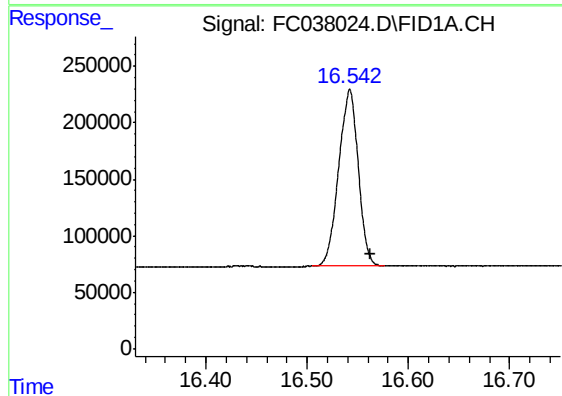
#14 n-Tetracosane (C24)

R.T.: 14.579 min
Delta R.T.: -0.023 min
Response: 2067168
Conc: 20.35 ug/ml



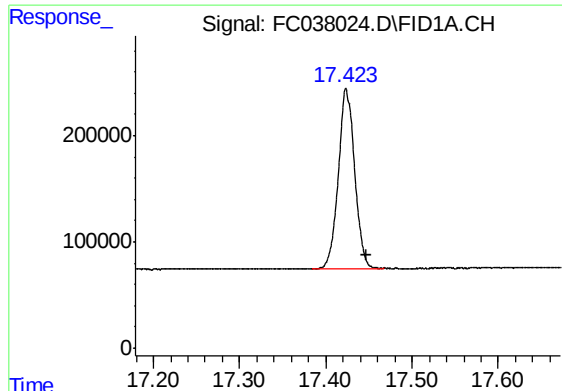
#15 n-Hexacosane (C26)

R.T.: 15.594 min
Delta R.T.: -0.024 min
Response: 2045655
Conc: 20.22 ug/ml



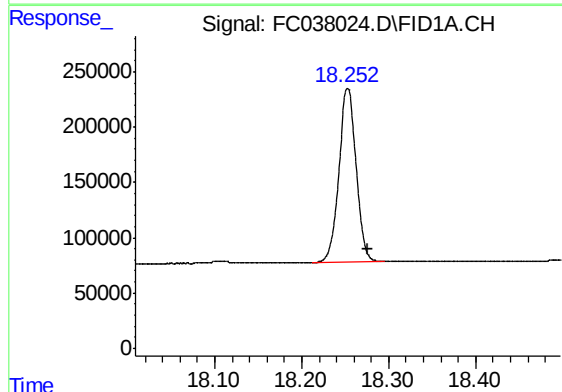
#16 n-Octacosane (C28)

R.T.: 16.542 min
Delta R.T.: -0.021 min
Response: 2093289
Conc: 20.92 ug/ml m



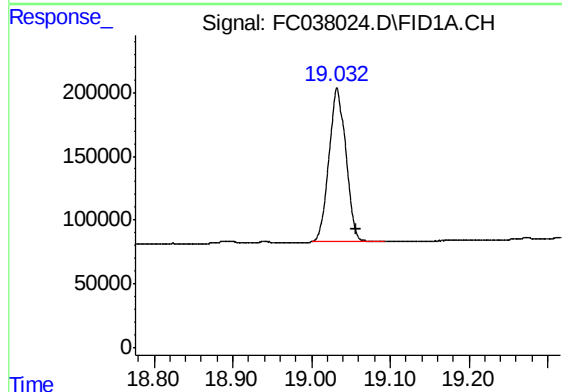
#17 n-Tricontane (C30)

R.T.: 17.423 min
Delta R.T.: -0.024 min
Response: 2227027
Conc: 22.68 ug/ml m



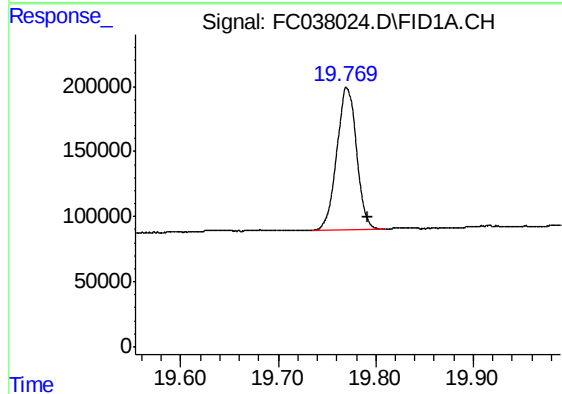
#18 n-Dotriacontane (C32)

R.T.: 18.252 min
Delta R.T.: -0.024 min
Response: 2161235
Conc: 23.52 ug/ml m



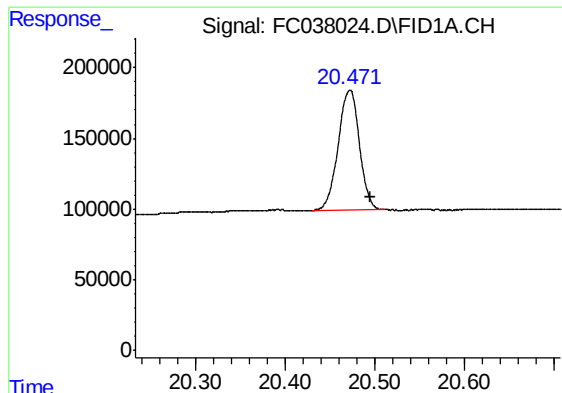
#19 n-Tetatriacontane (C34)

R.T.: 19.033 min
Delta R.T.: -0.024 min
Response: 1796079
Conc: 22.46 ug/ml



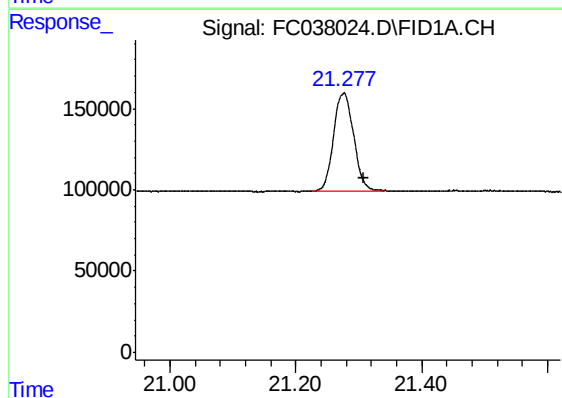
#20 n-Hexatriacontane (C36)

R.T.: 19.769 min
Delta R.T.: -0.023 min
Response: 1537478
Conc: 21.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.471 min
Delta R.T.: -0.024 min
Response: 1400060
Conc: 19.90 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.277 min
Delta R.T.: -0.031 min
Response: 1336085
Conc: 18.66 ug/ml m