

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100918AL\
 Data File : FC036753.D
 Signal(s) : FID1A.CH
 Acq On : 10 Oct 2018 11:10
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 10 13:17:14 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 10 12:23:17 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)	11.370	2414612	19.860 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	12.811	1777162	18.874 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	3.183	1719463	19.296 ug/mlm
2) T n-Decane (C10)	4.247	1783430	19.838 ug/ml
3) T A~Naphthalene (C11.7)	5.816	2164203	21.592 ug/ml
4) T n-Dodecane (C12)	6.257	1896383	20.349 ug/ml
5) T A~2-methylnaphthalene...	6.865	2171962	21.603 ug/ml
6) T n-Tetradecane (C14)	8.041	1982718	20.270 ug/ml
7) T n-Hexadecane (C16)	9.634	2041651	19.866 ug/ml
8) T n-Octadecane (C18)	11.068	2082772	19.178 ug/ml
10) T n-Eicosane (C20)	12.372	2092299	18.914 ug/ml
11) T n-Heneicosane (C21)	12.981	2079804	18.924 ug/ml
13) T n-Docosane (C22)	13.565	2075154	19.006 ug/ml
14) T n-Tetracosane (C24)	14.664	2072846	18.986 ug/ml
15) T n-Hexacosane (C26)	15.681	2067536	19.139 ug/ml
16) T n-Octacosane (C28)	16.627	2095188	18.989 ug/ml
17) T n-Tricontane (C30)	17.510	2121905	18.236 ug/ml
18) T n-Dotriacontane (C32)	18.341	2197130	18.841 ug/ml
19) T n-Tetratriacontane (C34)	19.120	2157026	19.249 ug/ml
20) T n-Hexatriacontane (C36)	19.857	2083572	19.679 ug/ml
21) T n-Octatriacontane (C38)	20.565	2020089	19.111 ug/ml
22) T n-Tetracontane (C40)	21.398	1988026	18.516 ug/ml

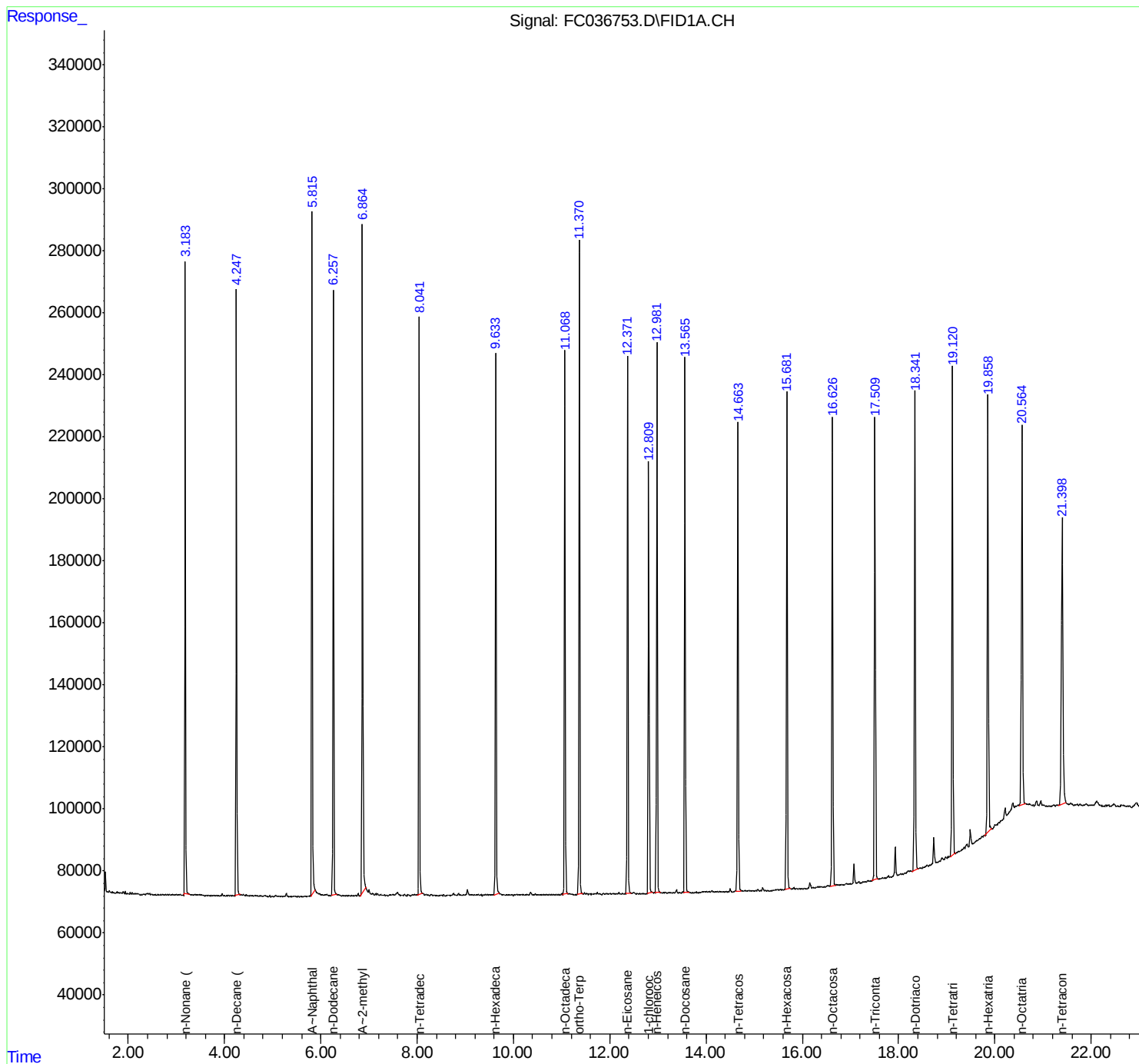
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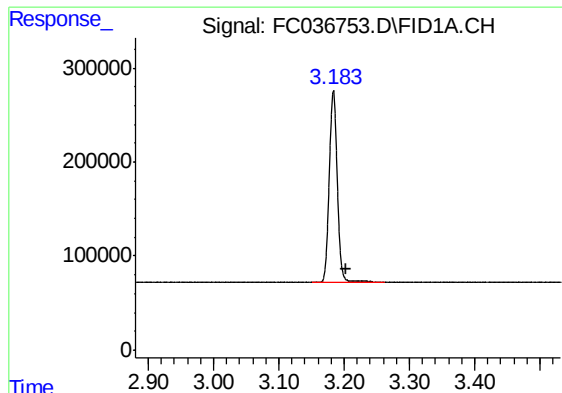
(m)=manual int.

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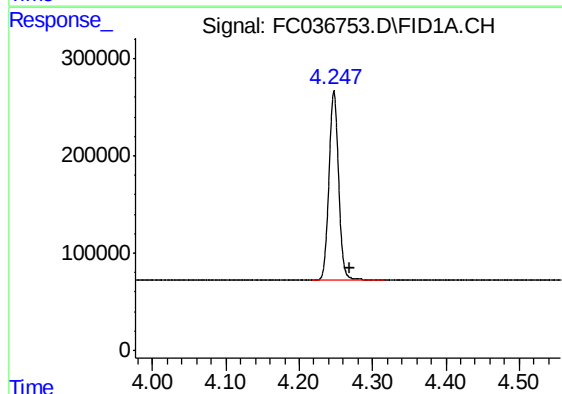
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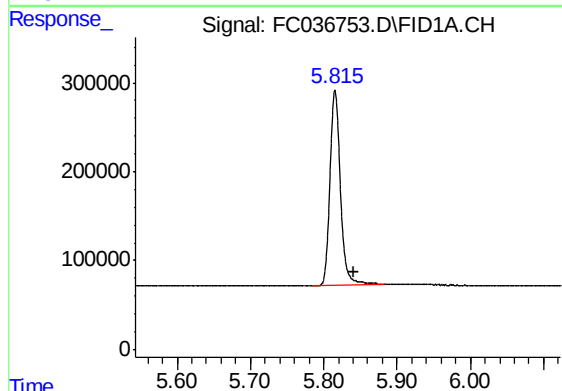
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.020 min
Response: 1719463
Conc: 19.30 ug/ml m



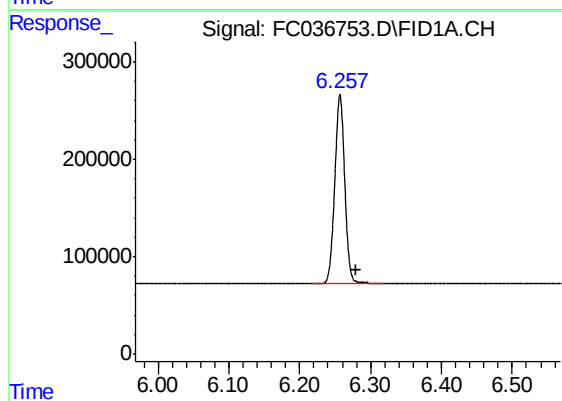
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.021 min
Response: 1783430
Conc: 19.84 ug/ml



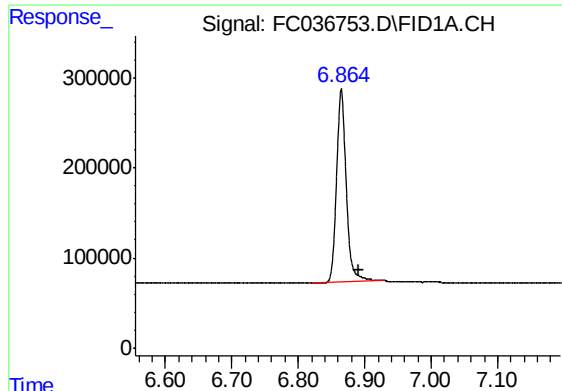
#3 A~Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: -0.026 min
Response: 2164203
Conc: 21.59 ug/ml



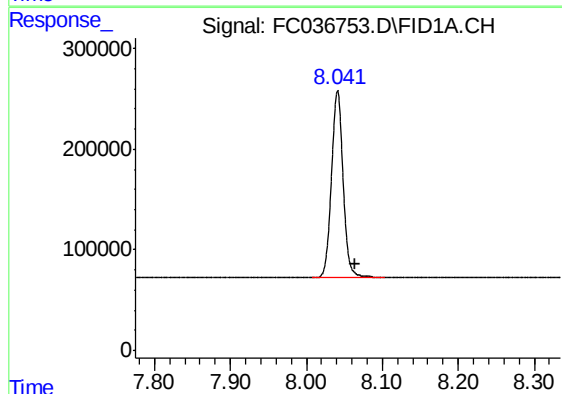
#4 n-Dodecane (C12)

R.T.: 6.257 min
Delta R.T.: -0.023 min
Response: 1896383
Conc: 20.35 ug/ml



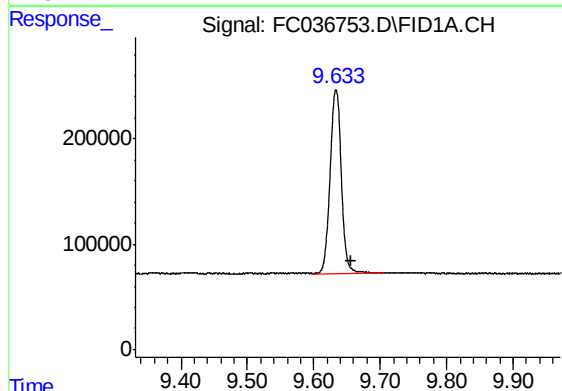
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: -0.026 min
Response: 2171962
Conc: 21.60 ug/ml



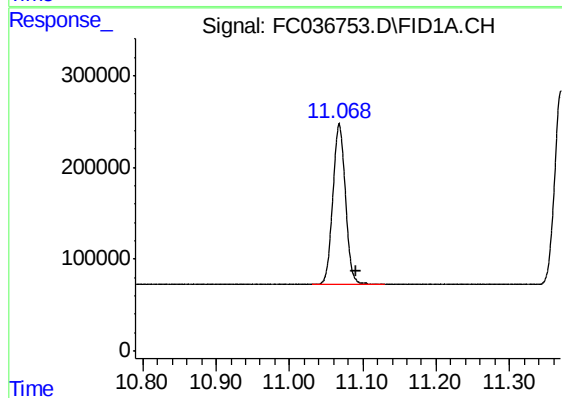
#6 n-Tetradecane (C14)

R.T.: 8.041 min
Delta R.T.: -0.024 min
Response: 1982718
Conc: 20.27 ug/ml



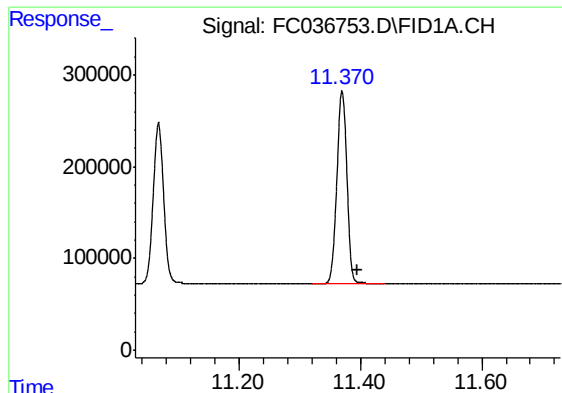
#7 n-Hexadecane (C16)

R.T.: 9.634 min
Delta R.T.: -0.023 min
Response: 2041651
Conc: 19.87 ug/ml



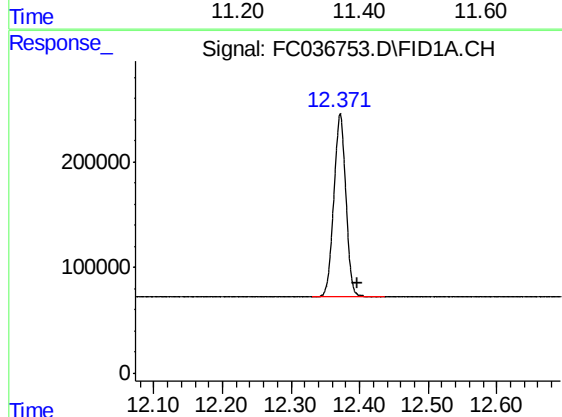
#8 n-Octadecane (C18)

R.T.: 11.068 min
Delta R.T.: -0.023 min
Response: 2082772
Conc: 19.18 ug/ml



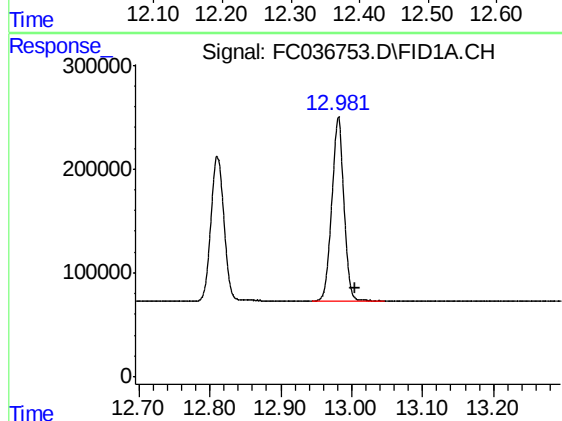
#9 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.025 min
Response: 2414612
Conc: 19.86 ug/ml



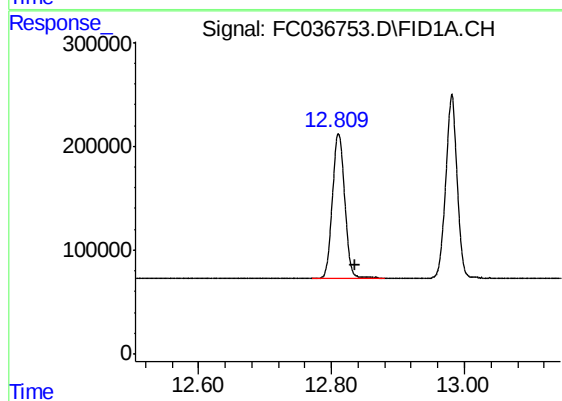
#10 n-Eicosane (C20)

R.T.: 12.372 min
Delta R.T.: -0.024 min
Response: 2092299
Conc: 18.91 ug/ml



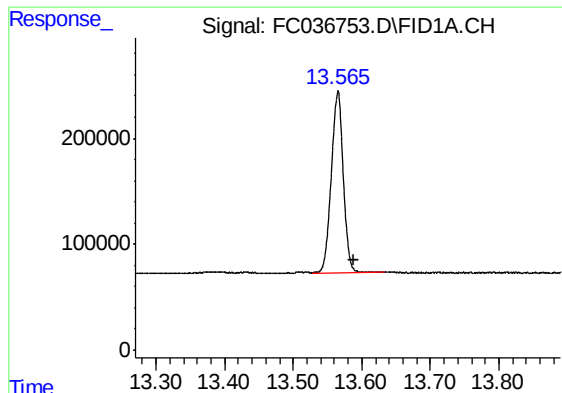
#11 n-Heneicosane (C21)

R.T.: 12.981 min
Delta R.T.: -0.024 min
Response: 2079804
Conc: 18.92 ug/ml



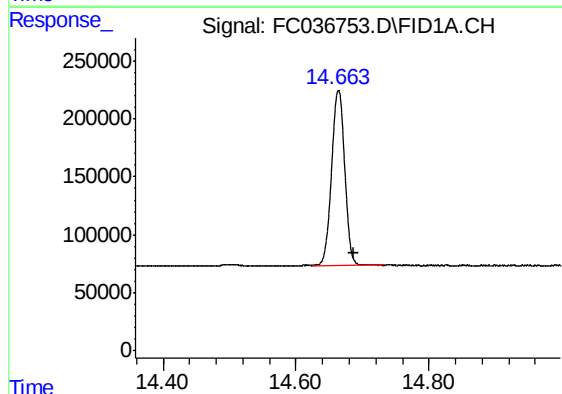
#12 1-chlorooctadecane (SURR)

R.T.: 12.811 min
Delta R.T.: -0.024 min
Response: 1777162
Conc: 18.87 ug/ml



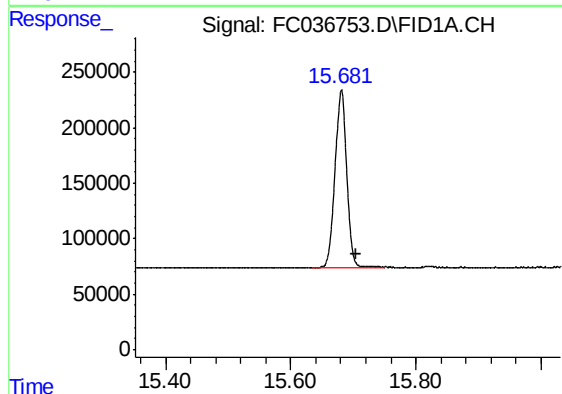
#13 n-Docosane (C22)

R.T.: 13.565 min
Delta R.T.: -0.023 min
Response: 2075154
Conc: 19.01 ug/ml



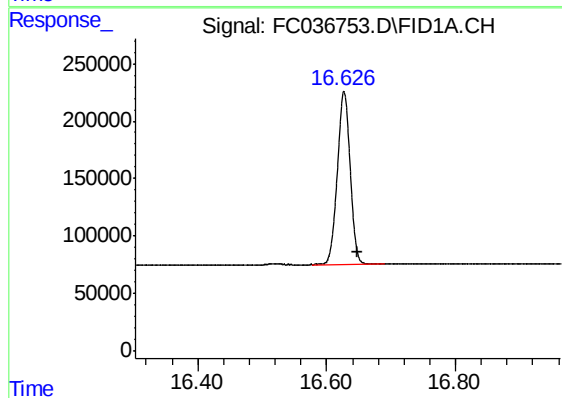
#14 n-Tetracosane (C24)

R.T.: 14.664 min
Delta R.T.: -0.023 min
Response: 2072846
Conc: 18.99 ug/ml



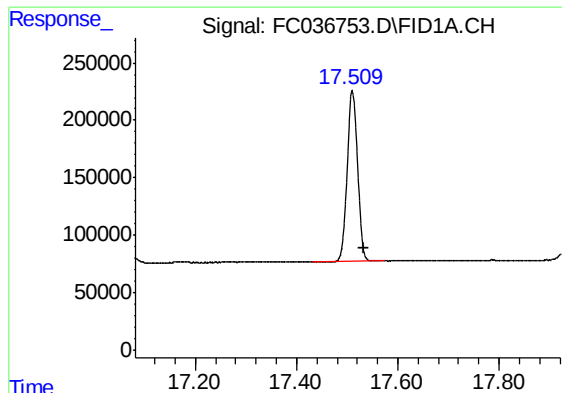
#15 n-Hexacosane (C26)

R.T.: 15.681 min
Delta R.T.: -0.023 min
Response: 2067536
Conc: 19.14 ug/ml



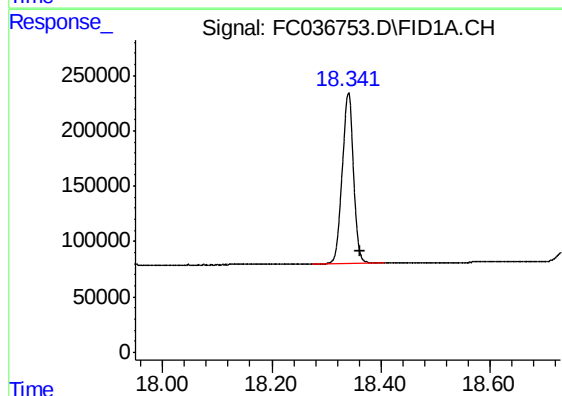
#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: -0.022 min
Response: 2095188
Conc: 18.99 ug/ml



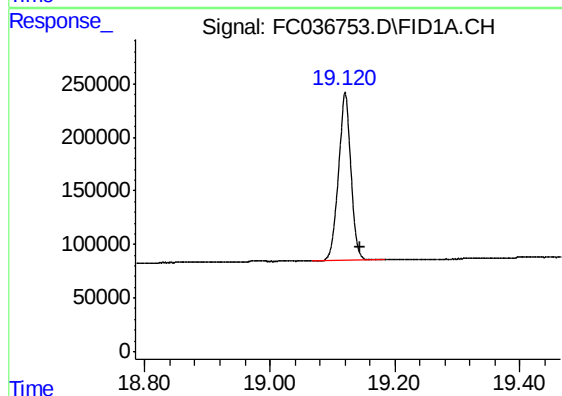
#17 n-Tricontane (C30)

R.T.: 17.510 min
Delta R.T.: -0.022 min
Response: 2121905
Conc: 18.24 ug/ml



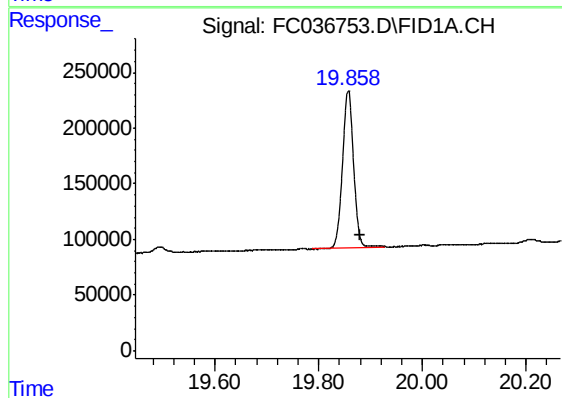
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: -0.021 min
Response: 2197130
Conc: 18.84 ug/ml



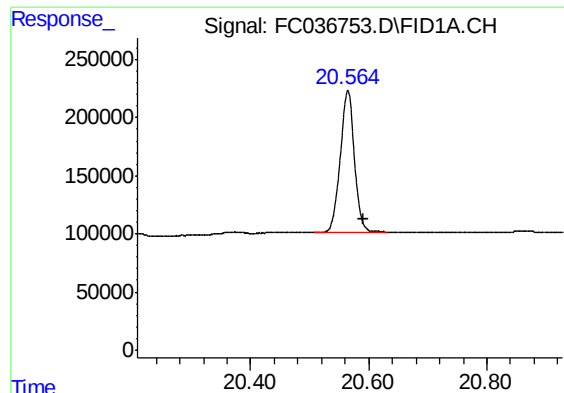
#19 n-Tetatriacontane (C34)

R.T.: 19.120 min
Delta R.T.: -0.023 min
Response: 2157026
Conc: 19.25 ug/ml



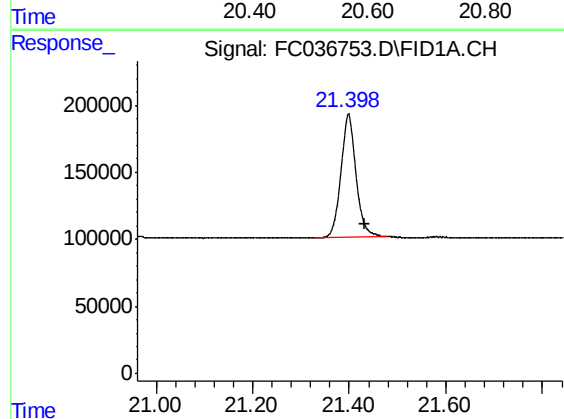
#20 n-Hexatriacontane (C36)

R.T.: 19.857 min
Delta R.T.: -0.023 min
Response: 2083572
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.565 min
Delta R.T.: -0.026 min
Response: 2020089
Conc: 19.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.398 min
Delta R.T.: -0.033 min
Response: 1988026
Conc: 18.52 ug/ml