

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120718AL\
 Data File : FC038045.D
 Signal(s) : FID1A.CH
 Acq On : 07 Dec 2018 12:31
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 07 16:32:26 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.285	2191964	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.728	1574389	18.362 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T n-Nonane (C9)	3.121	1539793	18.773 ug/ml
2) T n-Decane (C10)	4.181	1599515	19.412 ug/ml
3) T A-Naphthalene (C11.7)	5.742	1957661	20.981 ug/ml
4) T n-Dodecane (C12)	6.186	1700421	20.011 ug/ml
5) T A~2-methylnaphthalene...	6.790	1972193	20.761 ug/ml
6) T n-Tetradecane (C14)	7.966	1755121	19.627 ug/ml
7) T n-Hexadecane (C16)	9.555	1816693	19.583 ug/ml
8) T n-Octadecane (C18)	10.988	1815243	18.478 ug/ml
10) T n-Eicosane (C20)	12.290	1817556	18.190 ug/ml
11) T n-Heneicosane (C21)	12.899	1805554	18.267 ug/ml
13) T n-Docosane (C22)	13.482	1797851	17.924 ug/ml
14) T n-Tetracosane (C24)	14.579	1786004	17.578 ug/ml
15) T n-Hexacosane (C26)	15.596	1754834	17.348 ug/ml
16) T n-Octacosane (C28)	16.540	1735629	17.348 ug/mlm
17) T n-Tricontane (C30)	17.424	1663545	16.939 ug/ml
18) T n-Dotriacontane (C32)	18.254	1520532	16.548 ug/ml
19) T n-Tetratriacontane (C34)	19.034	1324381	16.559 ug/mlm
20) T n-Hexatriacontane (C36)	19.769	1171505	16.289 ug/mlm
21) T n-Octatriacontane (C38)	20.474	1100752	15.643 ug/mlm
22) T n-Tetracontane (C40)	21.281	1323570	18.486 ug/mlm

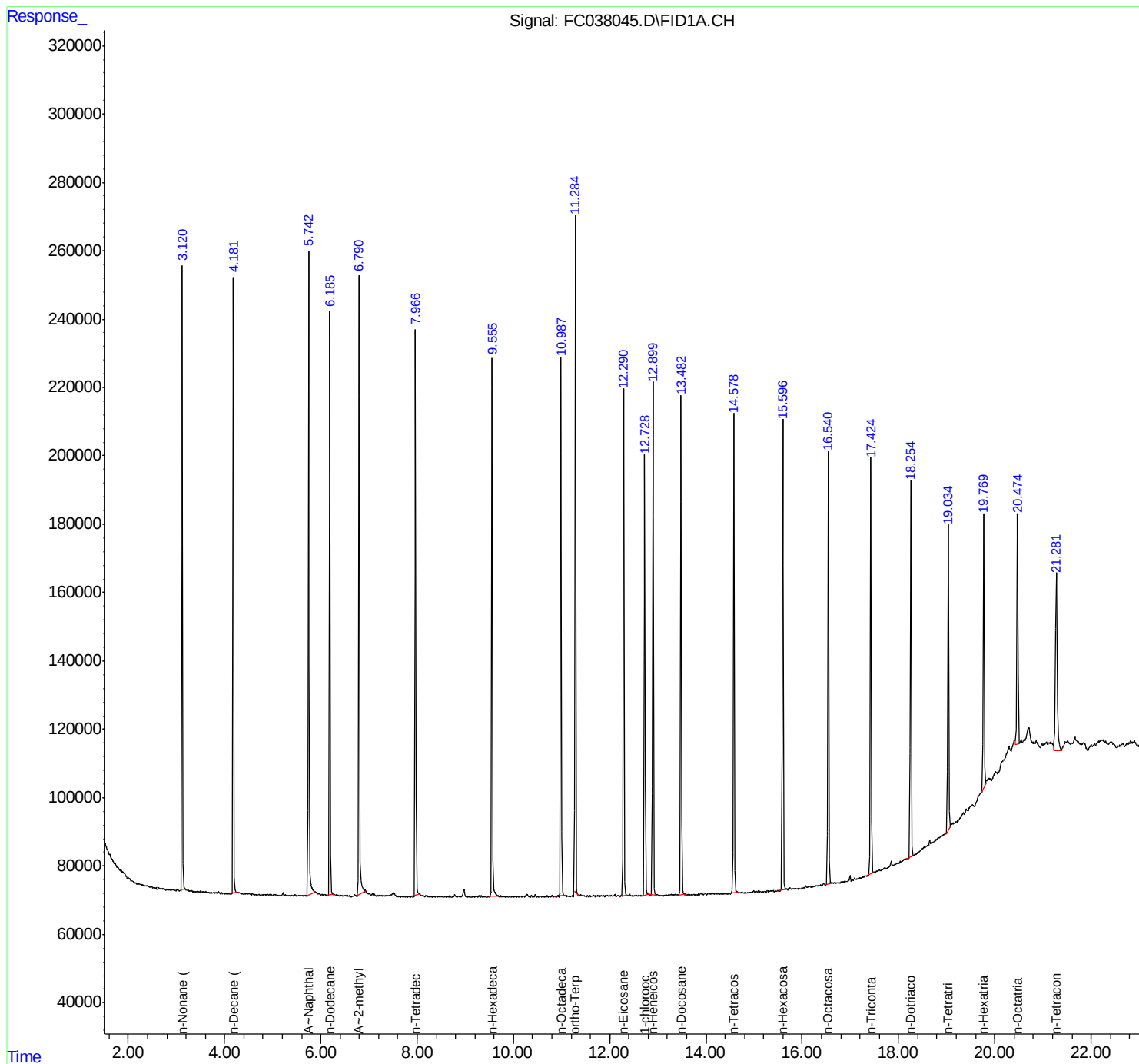
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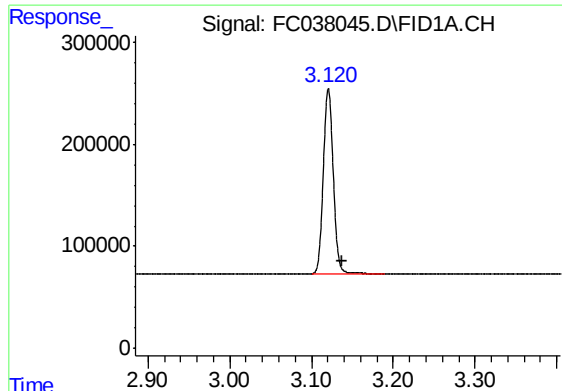
(m)=manual int.

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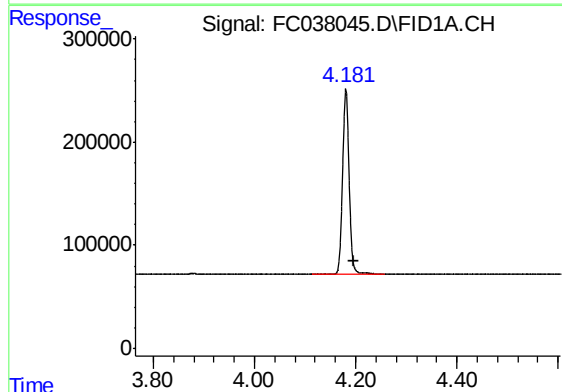
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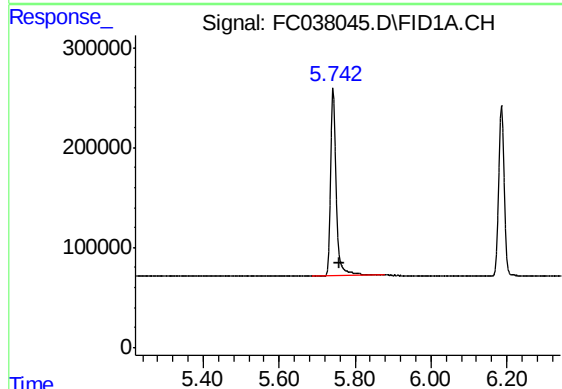
#1 n-Nonane (C9)

R.T.: 3.121 min
Delta R.T.: -0.016 min
Response: 1539793
Conc: 18.77 ug/ml



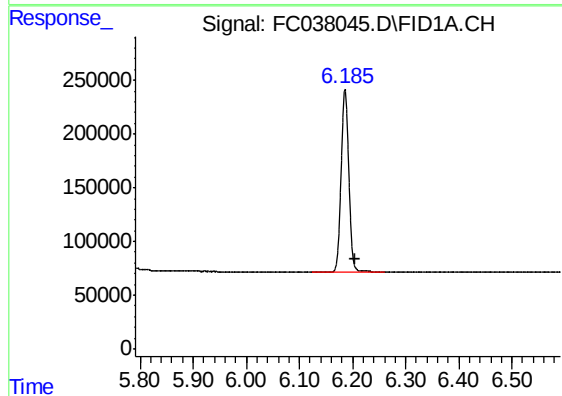
#2 n-Decane (C10)

R.T.: 4.181 min
Delta R.T.: -0.016 min
Response: 1599515
Conc: 19.41 ug/ml



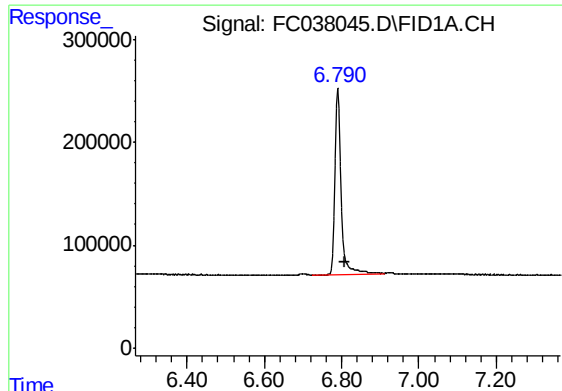
#3 A~Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: -0.018 min
Response: 1957661
Conc: 20.98 ug/ml



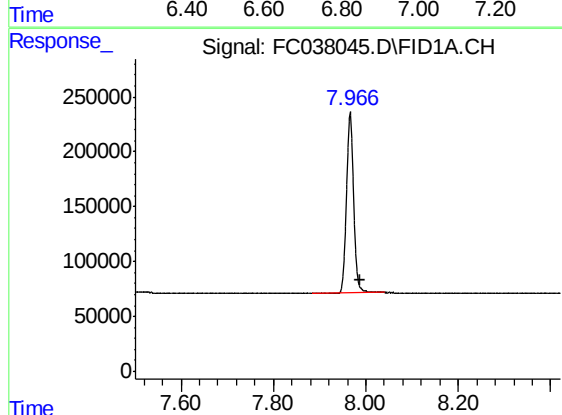
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: -0.018 min
Response: 1700421
Conc: 20.01 ug/ml



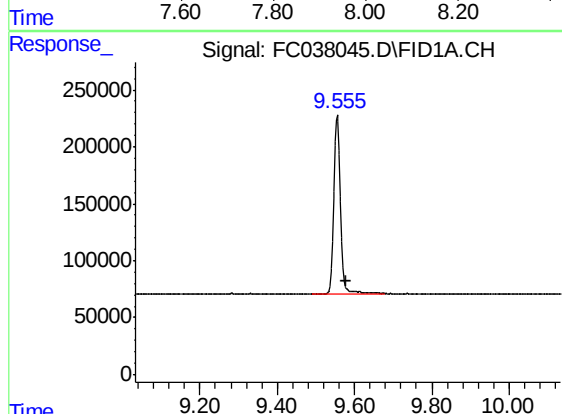
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.790 min
Delta R.T.: -0.019 min
Response: 1972193
Conc: 20.76 ug/ml



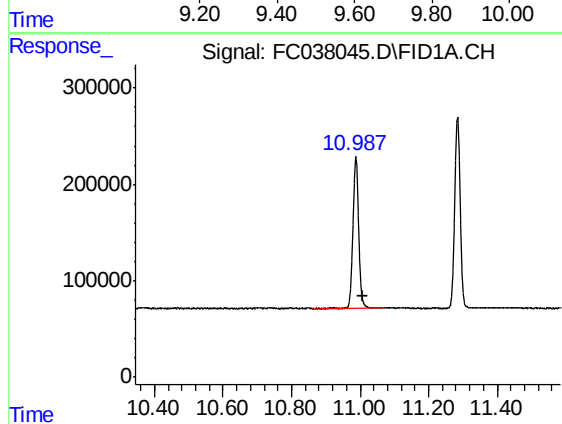
#6 n-Tetradecane (C14)

R.T.: 7.966 min
Delta R.T.: -0.020 min
Response: 1755121
Conc: 19.63 ug/ml



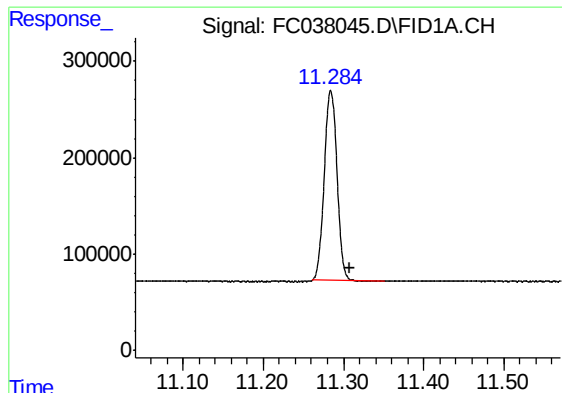
#7 n-Hexadecane (C16)

R.T.: 9.555 min
Delta R.T.: -0.022 min
Response: 1816693
Conc: 19.58 ug/ml



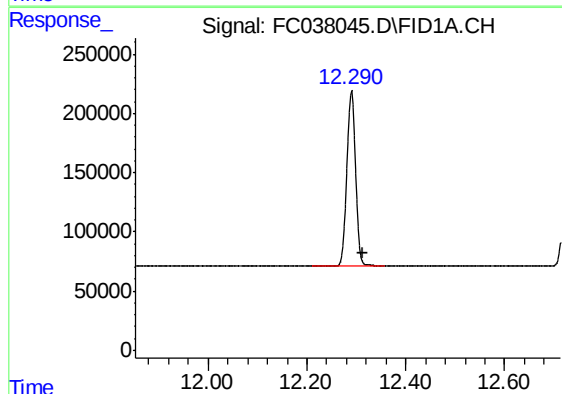
#8 n-Octadecane (C18)

R.T.: 10.988 min
Delta R.T.: -0.021 min
Response: 1815243
Conc: 18.48 ug/ml



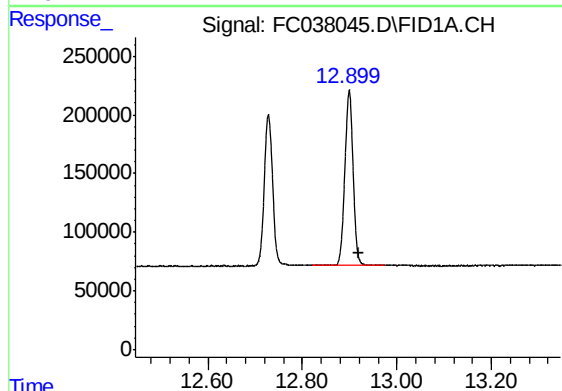
#9 ortho-Terphenyl (SURR)

R.T.: 11.285 min
Delta R.T.: -0.024 min
Response: 2191964
Conc: 20.09 ug/ml



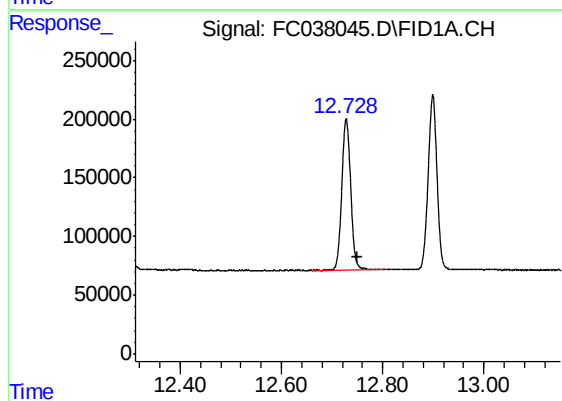
#10 n-Eicosane (C20)

R.T.: 12.290 min
Delta R.T.: -0.022 min
Response: 1817556
Conc: 18.19 ug/ml



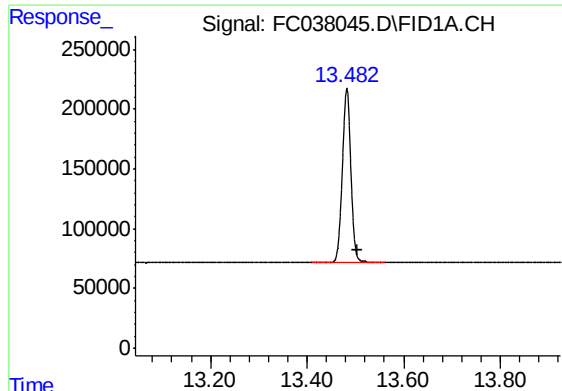
#11 n-Heneicosane (C21)

R.T.: 12.899 min
Delta R.T.: -0.021 min
Response: 1805554
Conc: 18.27 ug/ml



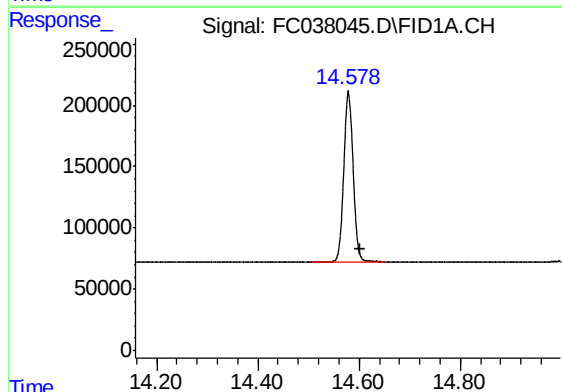
#12 1-chlorooctadecane (SURR)

R.T.: 12.728 min
Delta R.T.: -0.022 min
Response: 1574389
Conc: 18.36 ug/ml



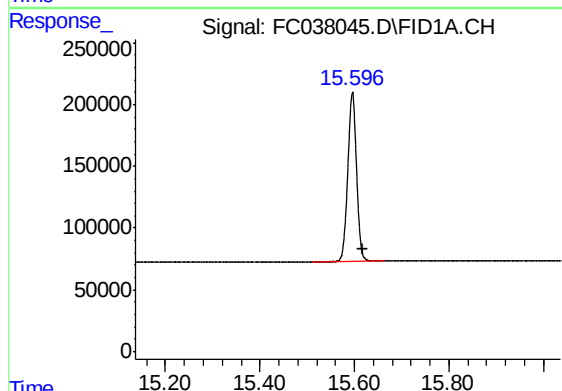
#13 n-Docosane (C22)

R.T.: 13.482 min
Delta R.T.: -0.022 min
Response: 1797851
Conc: 17.92 ug/ml



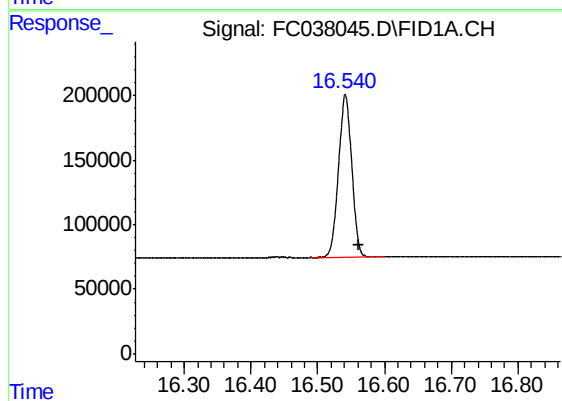
#14 n-Tetracosane (C24)

R.T.: 14.579 min
Delta R.T.: -0.023 min
Response: 1786004
Conc: 17.58 ug/ml



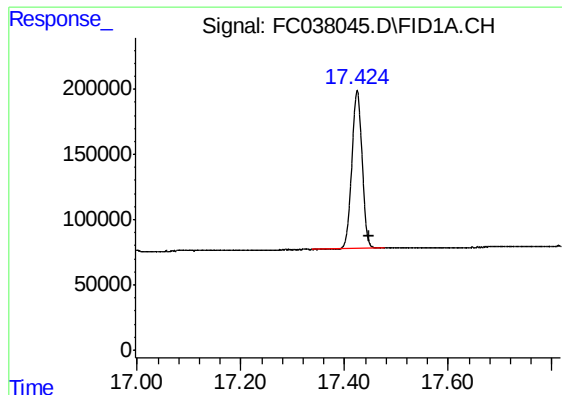
#15 n-Hexacosane (C26)

R.T.: 15.596 min
Delta R.T.: -0.022 min
Response: 1754834
Conc: 17.35 ug/ml



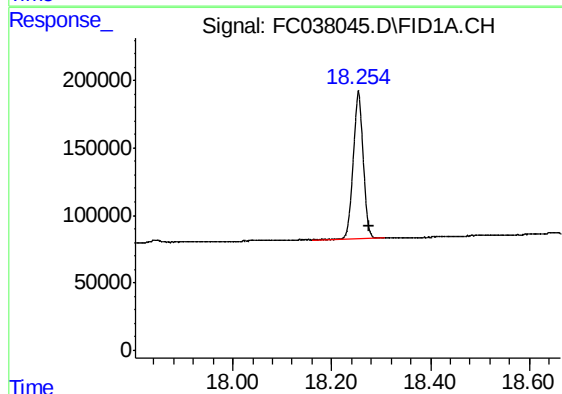
#16 n-Octacosane (C28)

R.T.: 16.540 min
Delta R.T.: -0.022 min
Response: 1735629
Conc: 17.35 ug/ml m



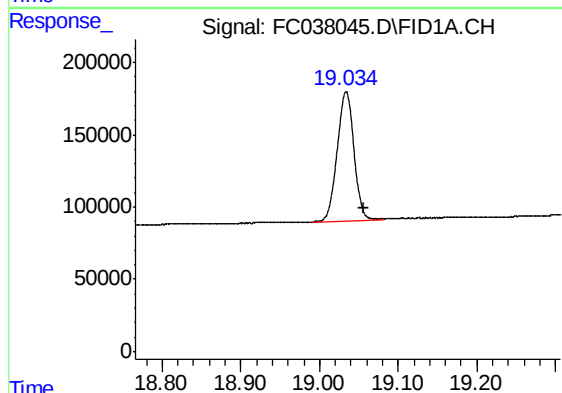
#17 n-Tricontane (C30)

R.T.: 17.424 min
Delta R.T.: -0.023 min
Response: 1663545
Conc: 16.94 ug/ml



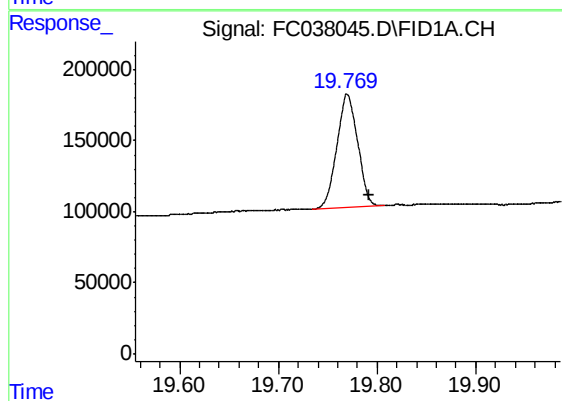
#18 n-Dotriacontane (C32)

R.T.: 18.254 min
Delta R.T.: -0.022 min
Response: 1520532
Conc: 16.55 ug/ml



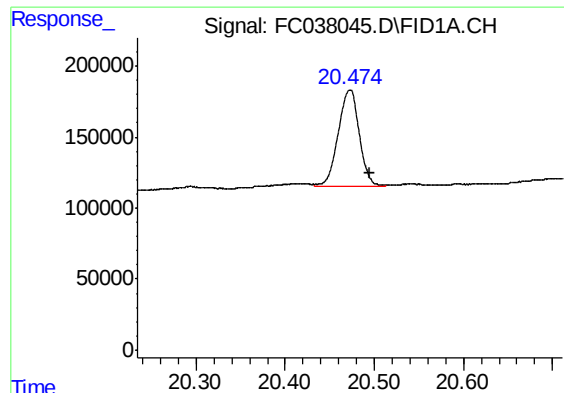
#19 n-Tetatriacontane (C34)

R.T.: 19.034 min
Delta R.T.: -0.023 min
Response: 1324381
Conc: 16.56 ug/ml m



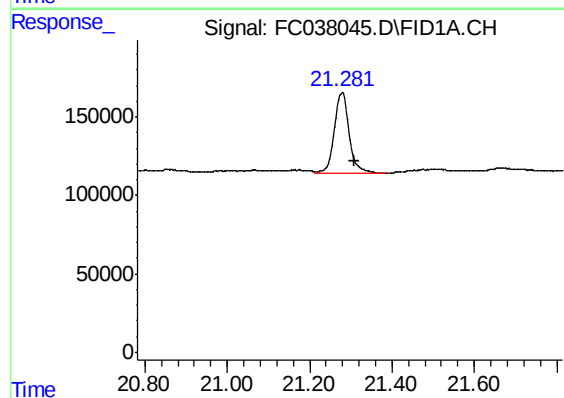
#20 n-Hexatriacontane (C36)

R.T.: 19.769 min
Delta R.T.: -0.024 min
Response: 1171505
Conc: 16.29 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.474 min
Delta R.T.: -0.022 min
Response: 1100752
Conc: 15.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.281 min
Delta R.T.: -0.027 min
Response: 1323570
Conc: 18.49 ug/ml m