

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112018AL\
 Data File : FC037774.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2018 10:24
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 10:49:57 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)	11.303	2338445	21.433 ug/ml
Spiked Amount 50.000		Recovery =	42.87%
12) S 1-chlorooctadecane (S...	12.746	1689542	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.130	1566799	19.102 ug/ml
2) T n-Decane (C10)	4.191	1642610	19.935 ug/ml
3) T A~Naphthalene (C11.7)	5.755	2019276	21.642 ug/ml
4) T n-Dodecane (C12)	6.199	1778548	20.931 ug/ml
5) T A~2-methylnaphthalene...	6.804	2077674	21.871 ug/ml
6) T n-Tetradecane (C14)	7.982	1888606	21.120 ug/ml
7) T n-Hexadecane (C16)	9.572	1956500	21.090 ug/ml
8) T n-Octadecane (C18)	11.005	1969963	20.053 ug/ml
10) T n-Eicosane (C20)	12.308	1968350	19.699 ug/ml
11) T n-Heneicosane (C21)	12.916	1954111	19.770 ug/ml
13) T n-Docosane (C22)	13.500	1943376	19.375 ug/ml
14) T n-Tetracosane (C24)	14.597	1923565	18.932 ug/ml
15) T n-Hexacosane (C26)	15.614	1899567	18.779 ug/ml
16) T n-Octacosane (C28)	16.560	1871987	18.711 ug/ml
17) T n-Tricontane (C30)	17.443	1808471	18.415 ug/ml
18) T n-Dotriacontane (C32)	18.272	1692454	18.419 ug/ml
19) T n-Tetratriacontane (C34)	19.053	1425816	17.827 ug/ml
20) T n-Hexatriacontane (C36)	19.791	1278431	17.775 ug/ml
21) T n-Octatriacontane (C38)	20.490	1258210	17.881 ug/ml
22) T n-Tetracontane (C40)	21.302	1336328	18.664 ug/ml

(f)=RT Delta > 1/2 Window

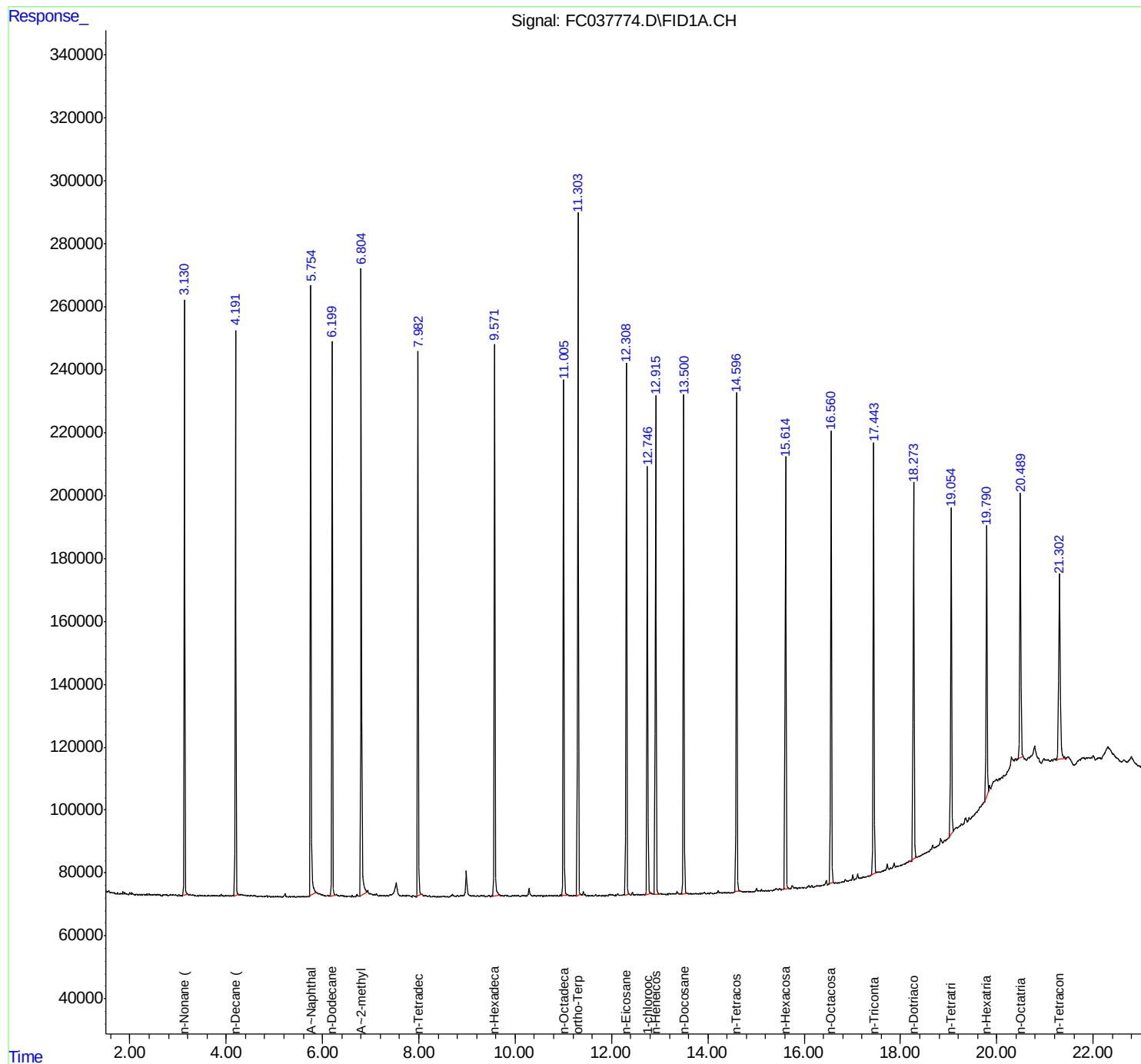
(m)=manual int.

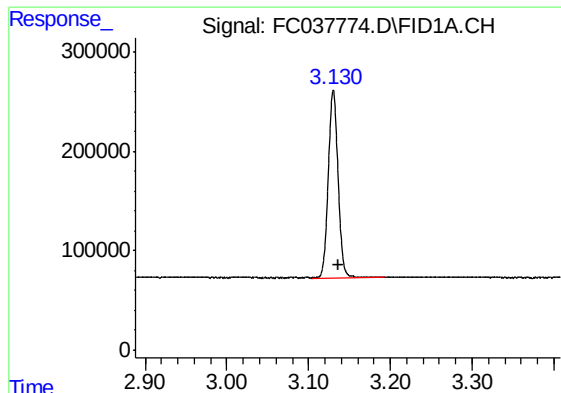
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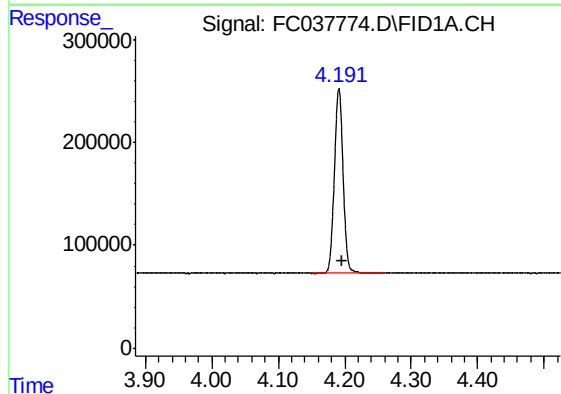




#1 n-Nonane (C9)

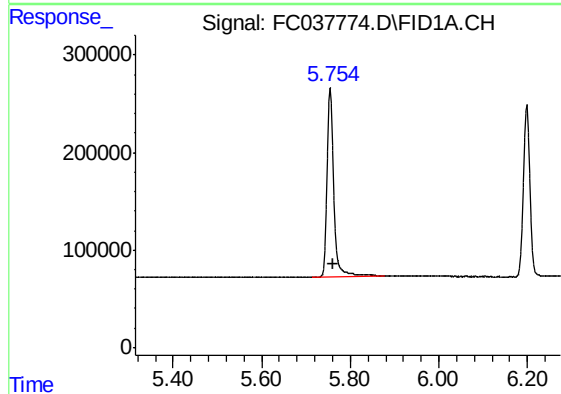
R.T.: 3.130 min
Delta R.T.: -0.007 min
Response: 1566799
Conc: 19.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



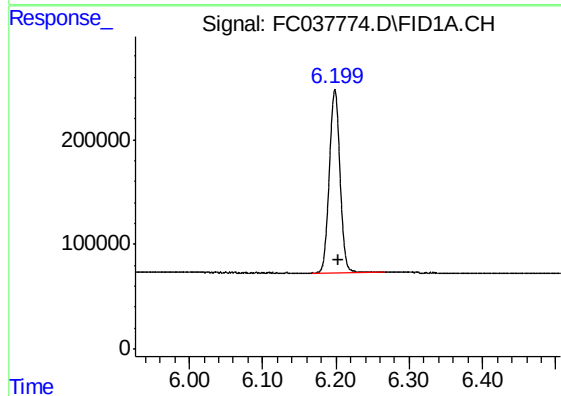
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 1642610
Conc: 19.94 ug/ml



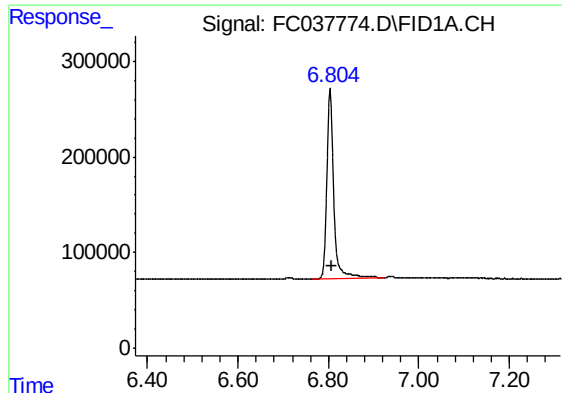
#3 A-Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.006 min
Response: 2019276
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

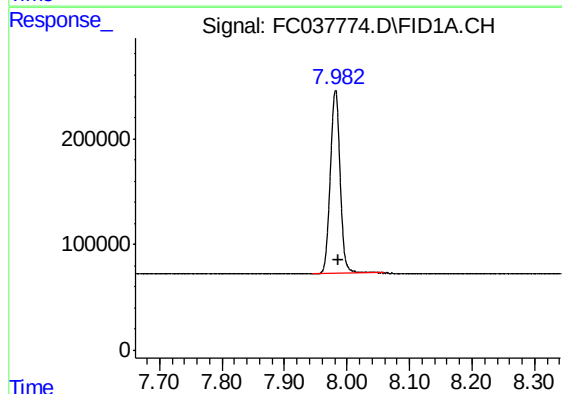
R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 1778548
Conc: 20.93 ug/ml



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

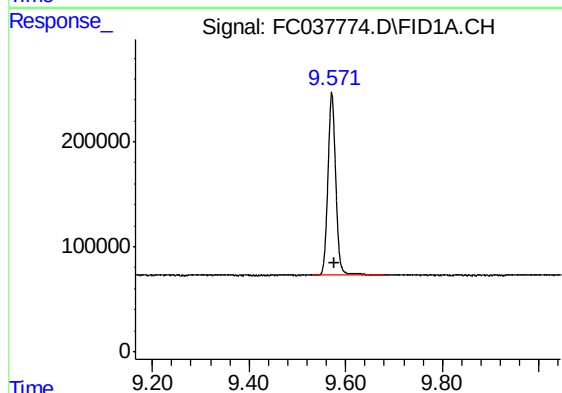
R.T.: 6.804 min
Delta R.T.: -0.005 min
Response: 2077674
Conc: 21.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



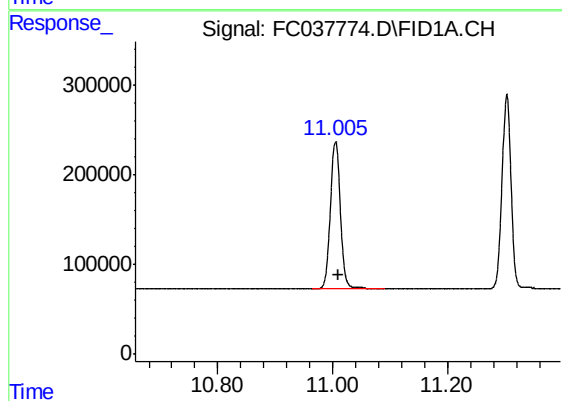
#6 n-Tetradecane (C14)

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 1888606
Conc: 21.12 ug/ml



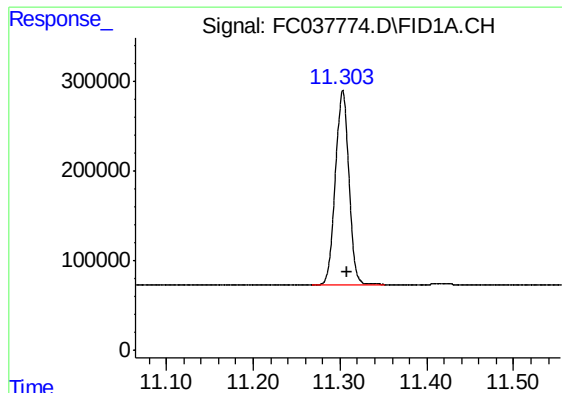
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: -0.005 min
Response: 1956500
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

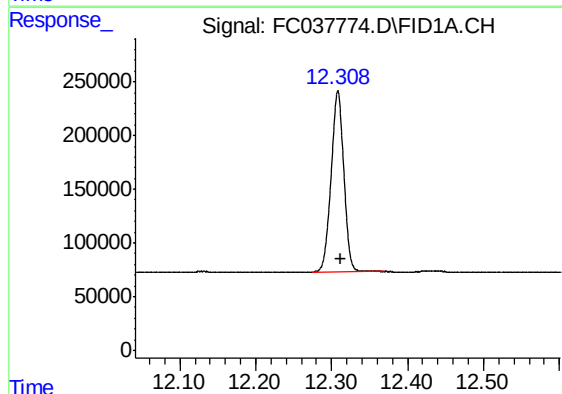
R.T.: 11.005 min
Delta R.T.: -0.004 min
Response: 1969963
Conc: 20.05 ug/ml



#9 ortho-Terphenyl (SURR)

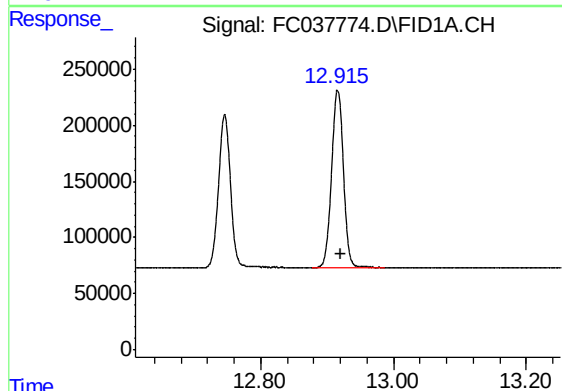
R.T.: 11.303 min
Delta R.T.: -0.005 min
Response: 2338445
Conc: 21.43 ug/ml

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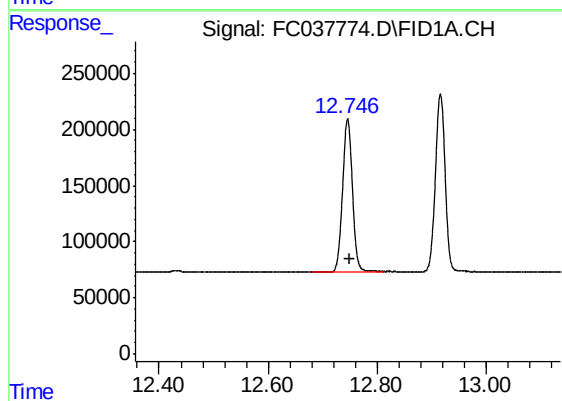
#10 n-Eicosane (C20)

R.T.: 12.308 min
Delta R.T.: -0.004 min
Response: 1968350
Conc: 19.70 ug/ml



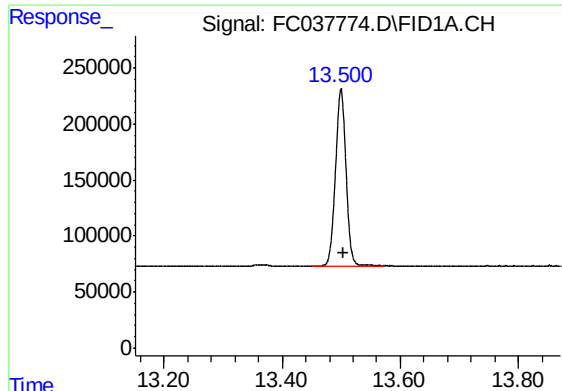
#11 n-Heneicosane (C21)

R.T.: 12.916 min
Delta R.T.: -0.004 min
Response: 1954111
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

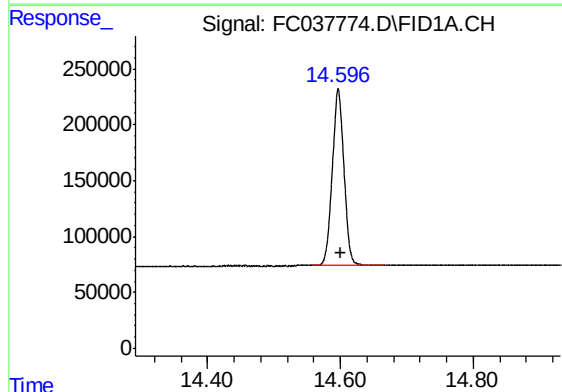
R.T.: 12.746 min
Delta R.T.: -0.004 min
Response: 1689542
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

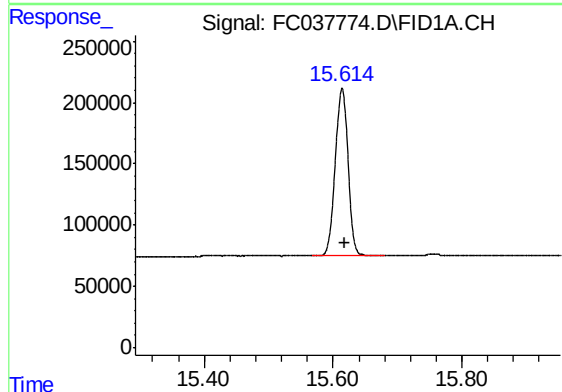
R.T.: 13.500 min
Delta R.T.: -0.004 min
Response: 1943376
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



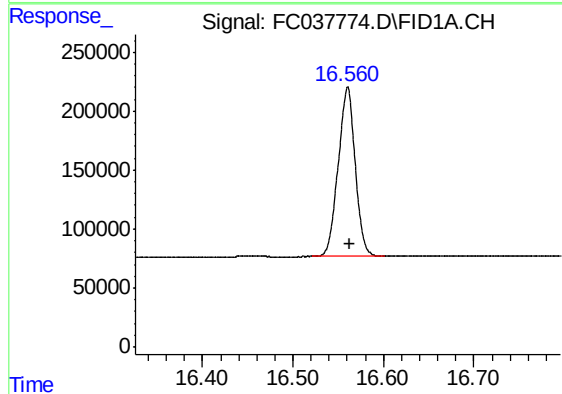
#14 n-Tetracosane (C24)

R.T.: 14.597 min
Delta R.T.: -0.005 min
Response: 1923565
Conc: 18.93 ug/ml



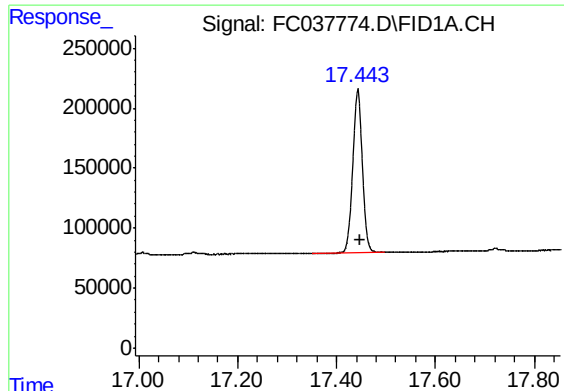
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: -0.004 min
Response: 1899567
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

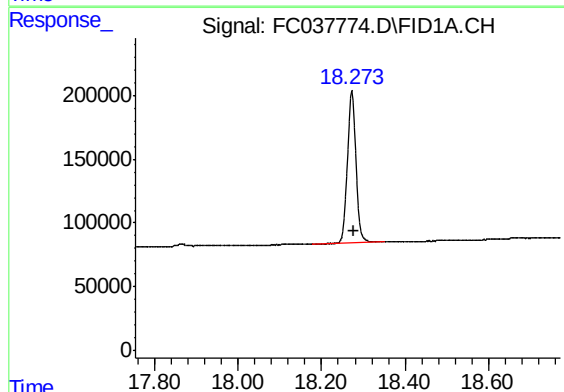
R.T.: 16.560 min
Delta R.T.: -0.002 min
Response: 1871987
Conc: 18.71 ug/ml



#17 n-Tricontane (C30)

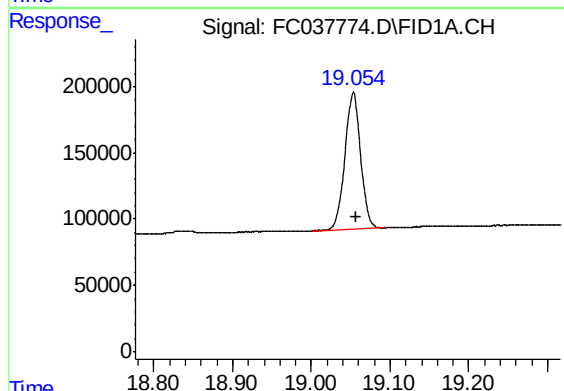
R.T.: 17.443 min
Delta R.T.: -0.004 min
Response: 1808471
Conc: 18.41 ug/ml

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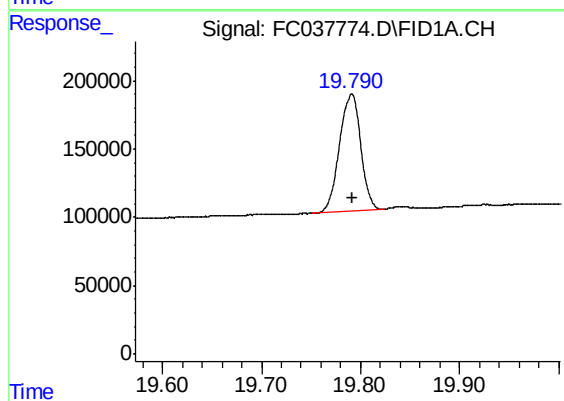
#18 n-Dotriacontane (C32)

R.T.: 18.272 min
Delta R.T.: -0.004 min
Response: 1692454
Conc: 18.42 ug/ml



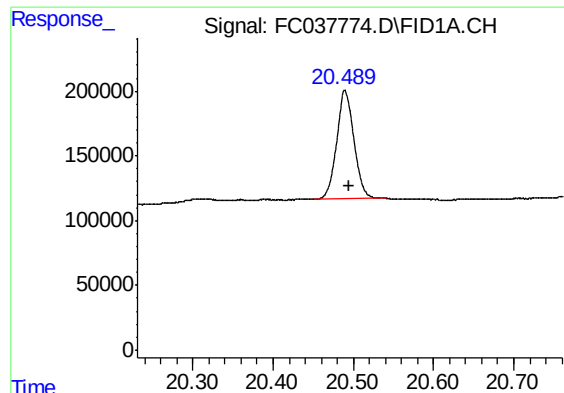
#19 n-Tetatriacontane (C34)

R.T.: 19.053 min
Delta R.T.: -0.004 min
Response: 1425816
Conc: 17.83 ug/ml



#20 n-Hexatriacontane (C36)

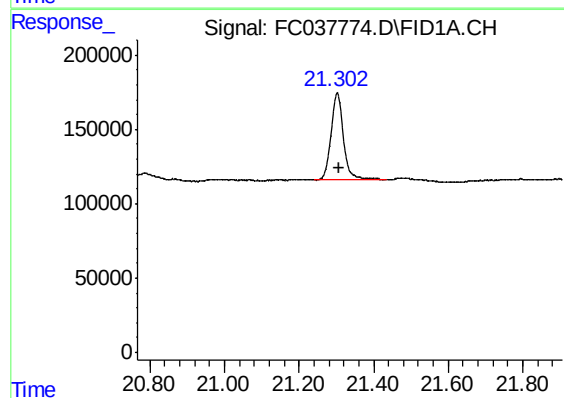
R.T.: 19.791 min
Delta R.T.: -0.001 min
Response: 1278431
Conc: 17.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.490 min
Delta R.T.: -0.006 min
Response: 1258210
Conc: 17.88 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.302 min
Delta R.T.: -0.005 min
Response: 1336328
Conc: 18.66 ug/ml