

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040620AL\
 Data File : FC046694.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2020 12:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 07 13:06:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.765	2172196	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	13.182	1682334	19.522 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.545	2128302	22.161 ug/ml
2) T n-Decane (C10)	4.614	2139692	22.278 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2240398	22.360 ug/ml
4) T n-Dodecane (C12)	6.622	2155827	22.086 ug/ml
5) T A~2-methylnaphthalene...	7.267	2238260	22.139 ug/ml
6) T n-Tetradecane (C14)	8.406	2127798	21.609 ug/ml
7) T n-Hexadecane (C16)	9.997	2102784	21.063 ug/ml
8) T n-Octadecane (C18)	11.431	2075571	20.450 ug/ml
10) T n-Eicosane (C20)	12.735	2033399	19.890 ug/ml
11) T n-Heneicosane (C21)	13.344	2020387	19.595 ug/ml
13) T n-Docosane (C22)	13.928	1988294	19.369 ug/ml
14) T n-Tetracosane (C24)	15.026	1954496	18.934 ug/ml
15) T n-Hexacosane (C26)	16.042	1917454	18.689 ug/ml
16) T n-Octacosane (C28)	16.989	1886633	18.537 ug/ml
17) T n-Tricontane (C30)	17.871	1808345	18.457 ug/ml
18) T n-Dotriacontane (C32)	18.699	1542253	18.395 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1380589	19.269 ug/mlm
20) T n-Hexatriacontane (C36)	20.216	1336370	19.076 ug/mlm
21) T n-Octatriacontane (C38)	20.983	1358492	21.528 ug/ml
22) T n-Tetracontane (C40)	21.946	1397397	20.194 ug/mlm

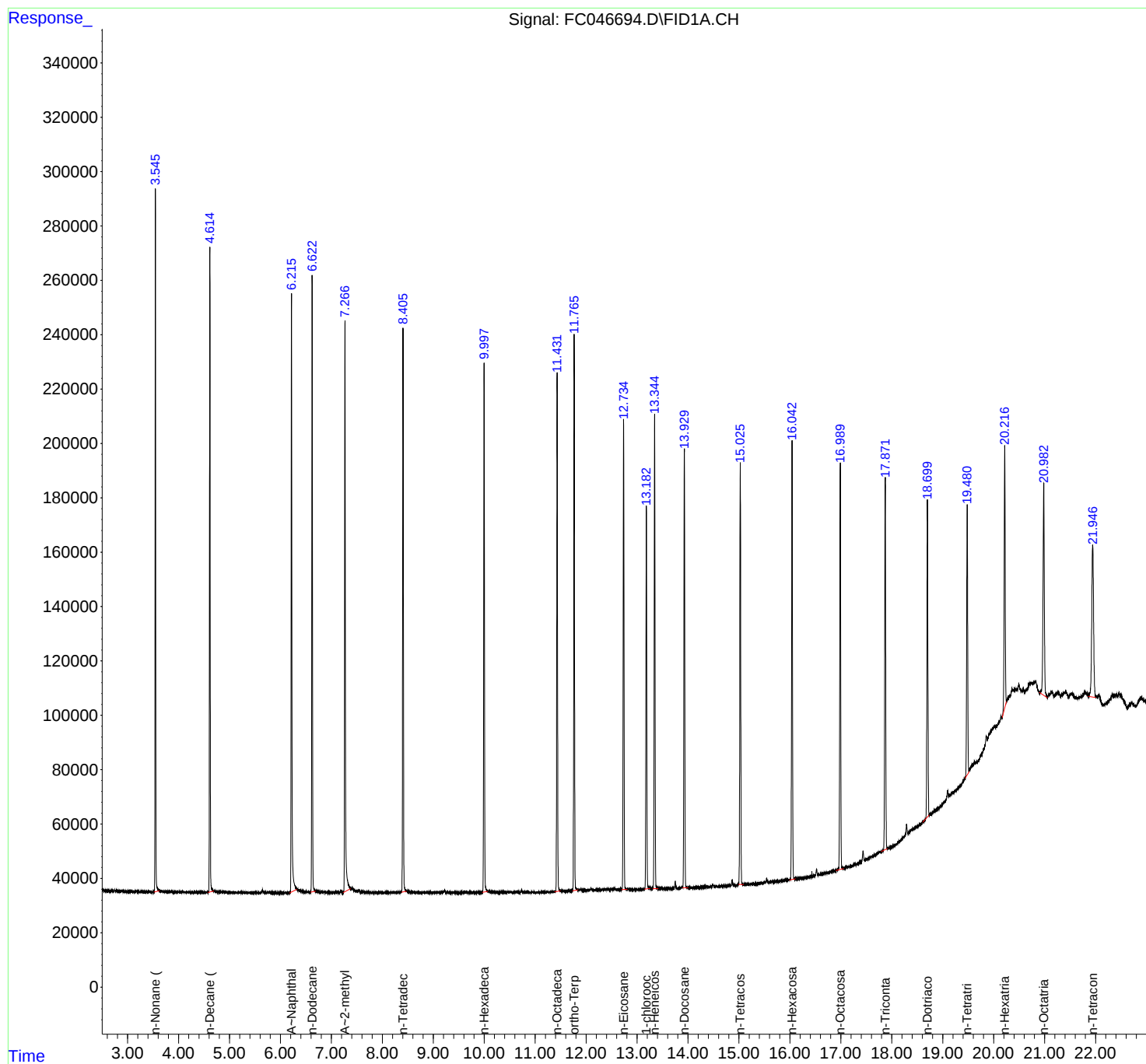
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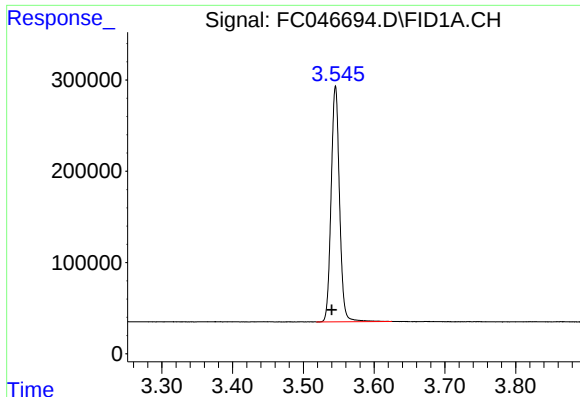
(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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QLast Update : Tue Mar 24 12:45:07 2020
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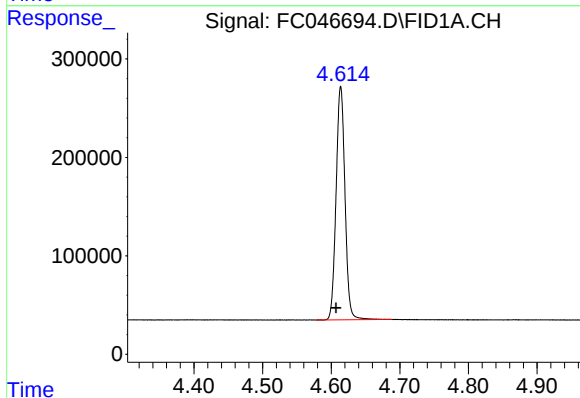
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Signal Info : 20M x 0.18mm x 0.18um





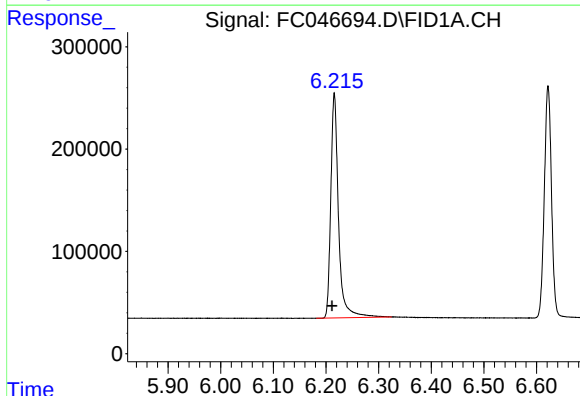
#1 n-Nonane (C9)

R.T.: 3.545 min
Delta R.T.: 0.005 min
Response: 2128302
Conc: 22.16 ug/ml



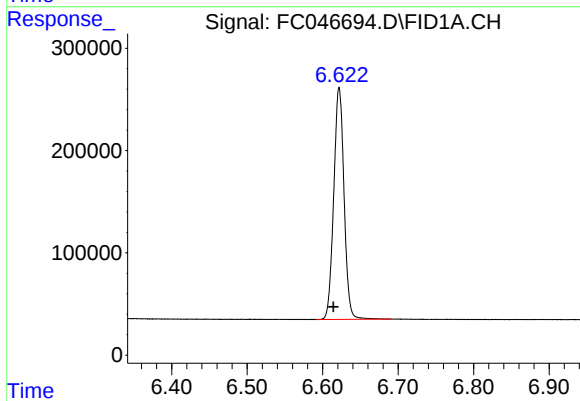
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2139692
Conc: 22.28 ug/ml



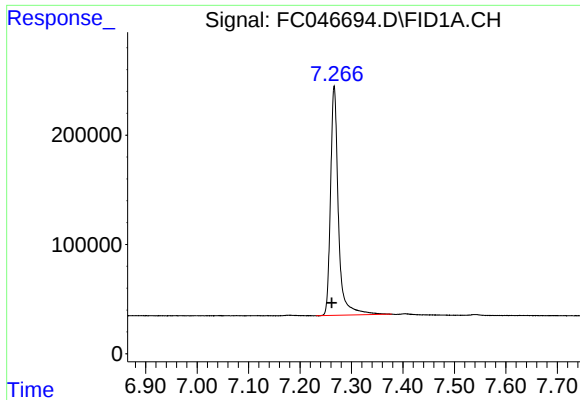
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.005 min
Response: 2240398
Conc: 22.36 ug/ml



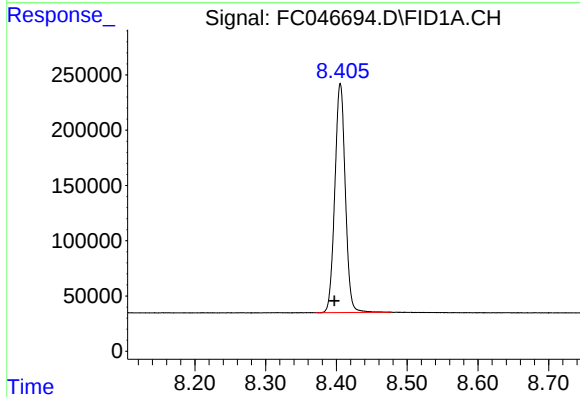
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: 0.007 min
Response: 2155827
Conc: 22.09 ug/ml



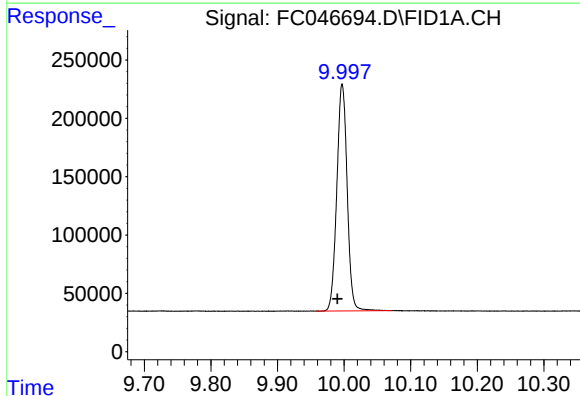
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: 0.005 min
Response: 2238260
Conc: 22.14 ug/ml



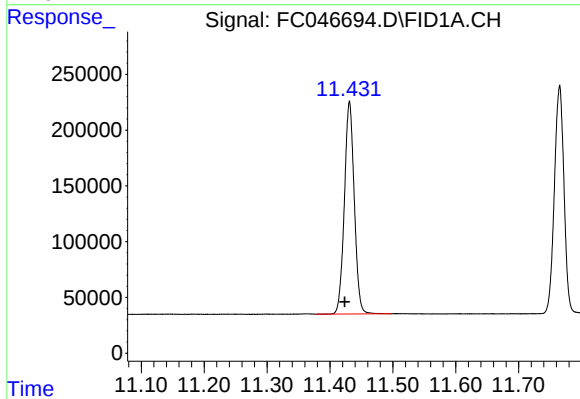
#6 n-Tetradecane (C14)

R.T.: 8.406 min
Delta R.T.: 0.008 min
Response: 2127798
Conc: 21.61 ug/ml



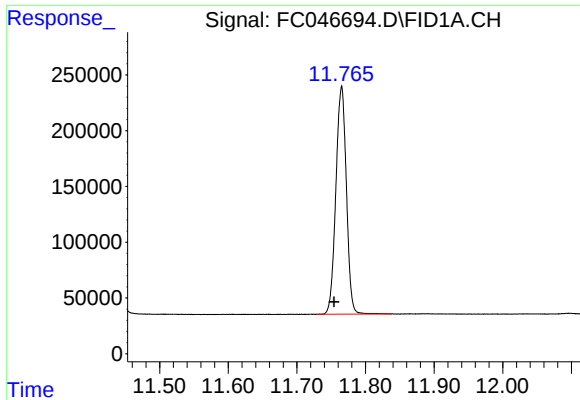
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: 0.007 min
Response: 2102784
Conc: 21.06 ug/ml



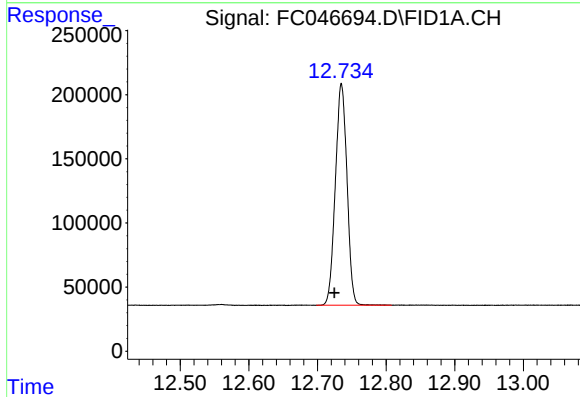
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.008 min
Response: 2075571
Conc: 20.45 ug/ml



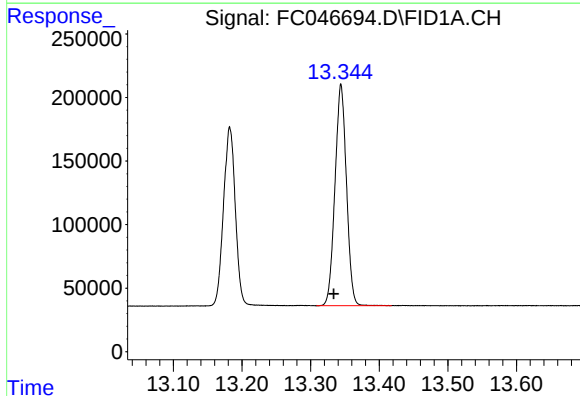
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: 0.011 min
Response: 2172196
Conc: 19.87 ug/ml



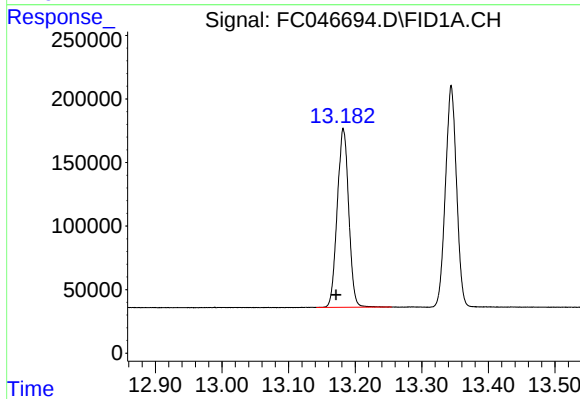
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: 0.010 min
Response: 2033399
Conc: 19.89 ug/ml



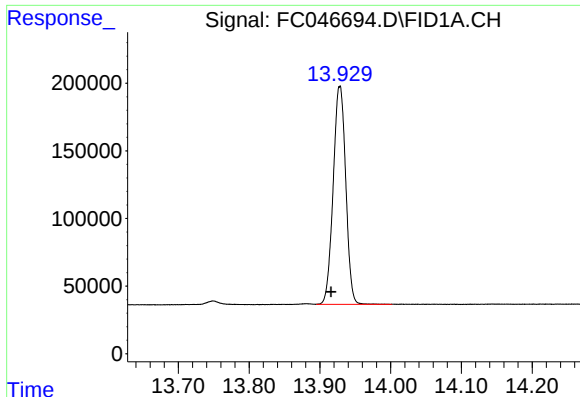
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: 0.011 min
Response: 2020387
Conc: 19.60 ug/ml



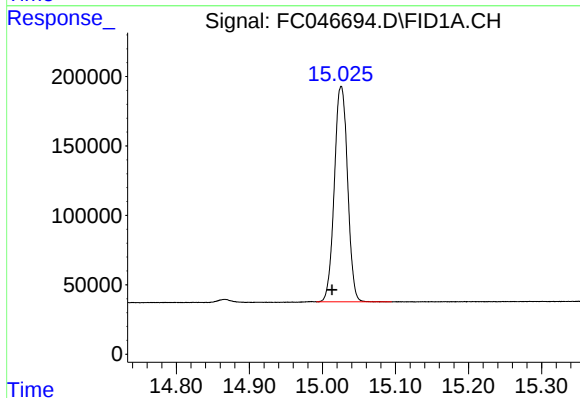
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: 0.011 min
Response: 1682334
Conc: 19.52 ug/ml



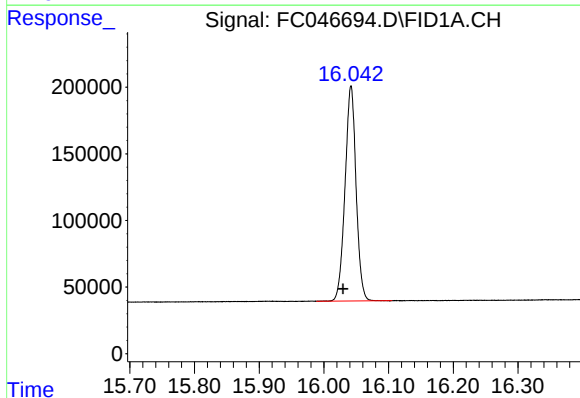
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: 0.012 min
Response: 1988294
Conc: 19.37 ug/ml



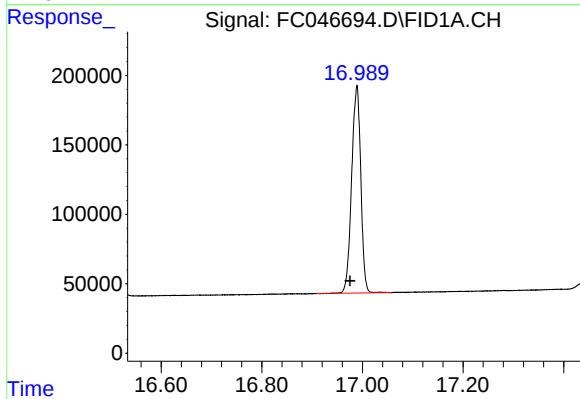
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: 0.012 min
Response: 1954496
Conc: 18.93 ug/ml



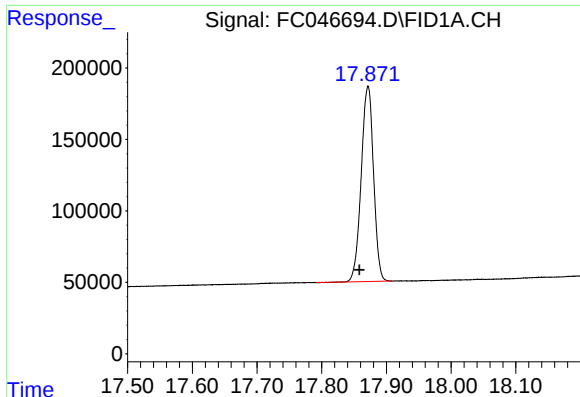
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: 0.012 min
Response: 1917454
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.989 min
Delta R.T.: 0.013 min
Response: 1886633
Conc: 18.54 ug/ml



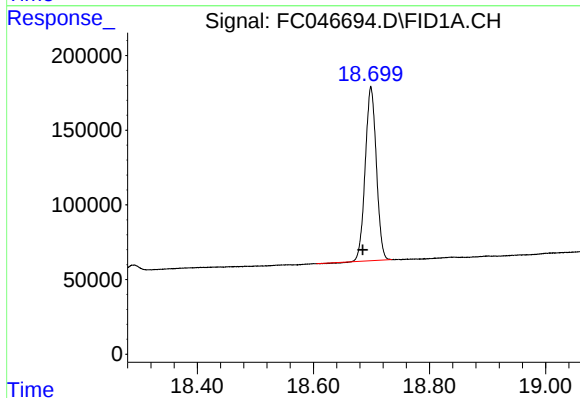
#17 n-Tricontane (C30)

R.T.: 17.871 min

Delta R.T.: 0.013 min

Response: 1808345

Conc: 18.46 ug/ml



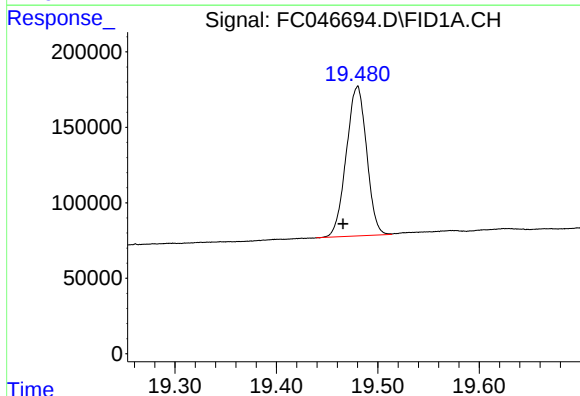
#18 n-Dotriacontane (C32)

R.T.: 18.699 min

Delta R.T.: 0.014 min

Response: 1542253

Conc: 18.40 ug/ml



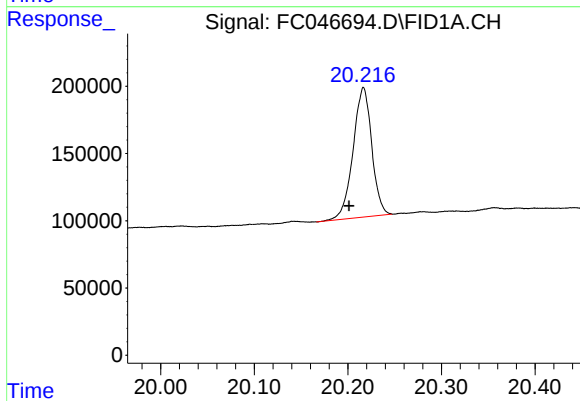
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min

Delta R.T.: 0.015 min

Response: 1380589

Conc: 19.27 ug/ml m



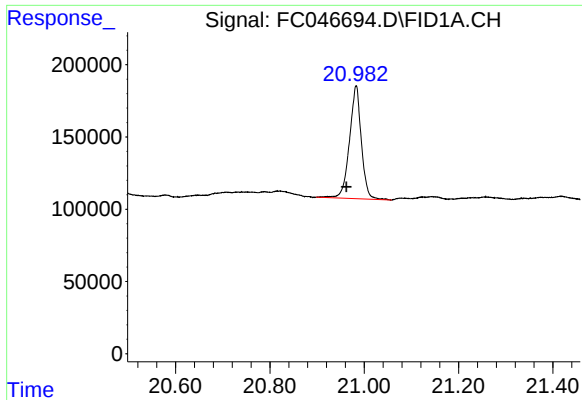
#20 n-Hexatriacontane (C36)

R.T.: 20.216 min

Delta R.T.: 0.015 min

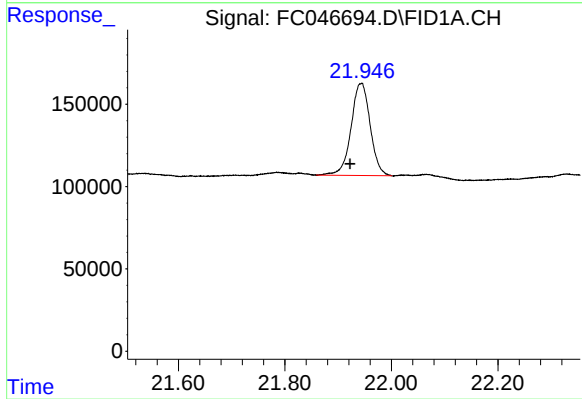
Response: 1336370

Conc: 19.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: 0.020 min
Response: 1358492
Conc: 21.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.946 min
Delta R.T.: 0.023 min
Response: 1397397
Conc: 20.19 ug/ml m