

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100218AL\
 Data File : FC036625.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2018 11:25
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 12:31:53 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 21 15:20:52 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)	11.382	2534379	20.845 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
12) S 1-chlorooctadecane (S...	12.823	1939660	20.600 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T n-Nonane (C9)	3.189	1845370	20.709 ug/ml
2) T n-Decane (C10)	4.255	1976931	21.991 ug/ml
3) T A~Naphthalene (C11.7)	5.825	2468919	24.632 ug/ml
4) T n-Dodecane (C12)	6.267	2158644	23.163 ug/ml
5) T A~2-methylnaphthalene...	6.876	2453147	24.400 ug/ml
6) T n-Tetradecane (C14)	8.052	2247391	22.976 ug/ml
7) T n-Hexadecane (C16)	9.645	2241216	21.808 ug/ml
8) T n-Octadecane (C18)	11.080	2241767	20.642 ug/ml
10) T n-Eicosane (C20)	12.383	2248514	20.326 ug/ml
11) T n-Heneicosane (C21)	12.993	2244823	20.425 ug/ml
13) T n-Docosane (C22)	13.577	2271687	20.806 ug/ml
14) T n-Tetracosane (C24)	14.675	2337898	21.414 ug/ml
15) T n-Hexacosane (C26)	15.691	2373091	21.967 ug/ml
16) T n-Octacosane (C28)	16.638	2437287	22.090 ug/ml
17) T n-Tricontane (C30)	17.523	2473006	21.253 ug/ml
18) T n-Dotriacontane (C32)	18.353	2525573	21.658 ug/ml
19) T n-Tetratriacontane (C34)	19.134	2516329	22.456 ug/ml
20) T n-Hexatriacontane (C36)	19.871	2277943	21.514 ug/mlm
21) T n-Octatriacontane (C38)	20.578	2194457	20.760 ug/mlm
22) T n-Tetracontane (C40)	21.419	2289030	21.319 ug/mlm

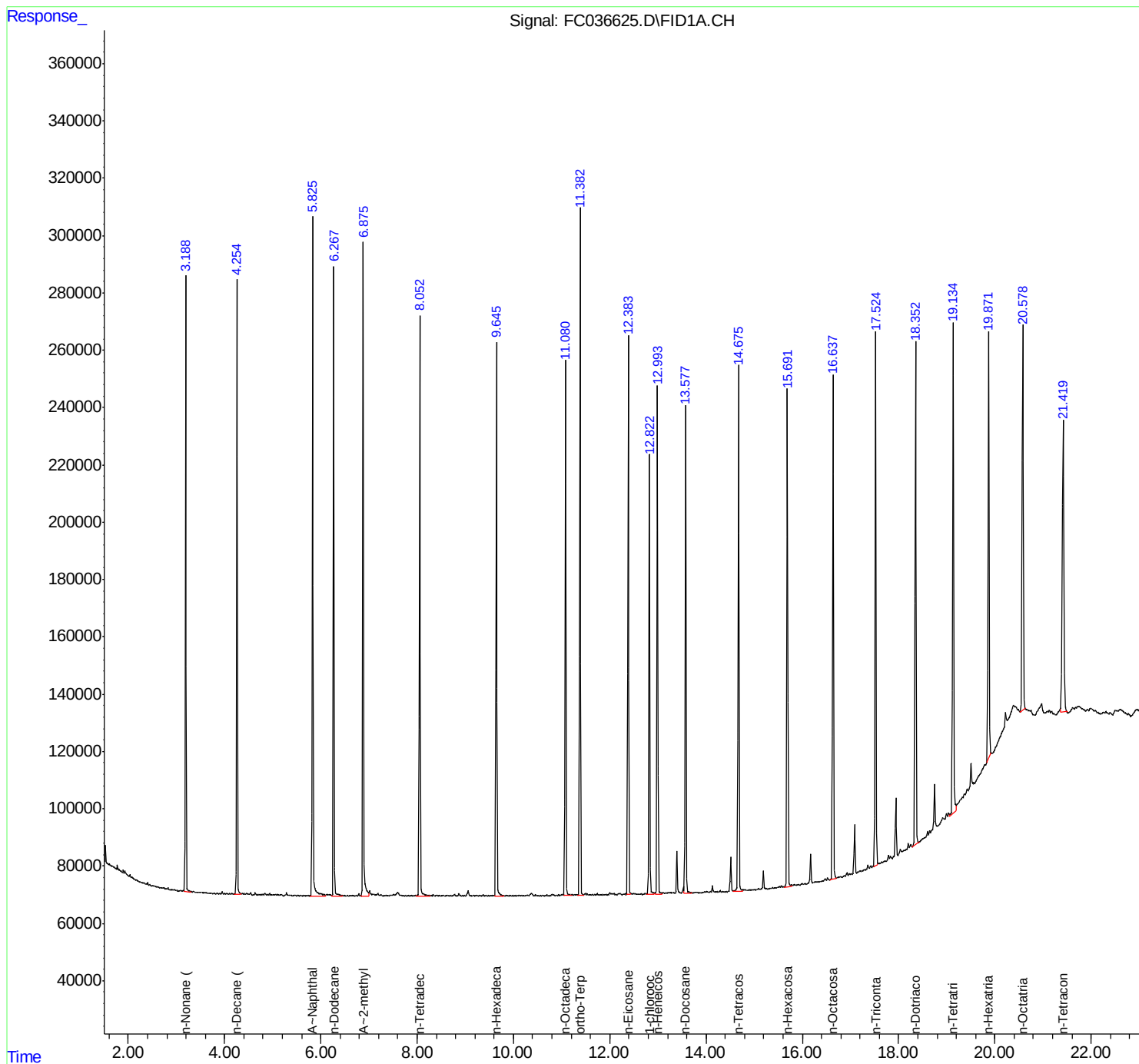
(f)=RT Delta > 1/2 Window

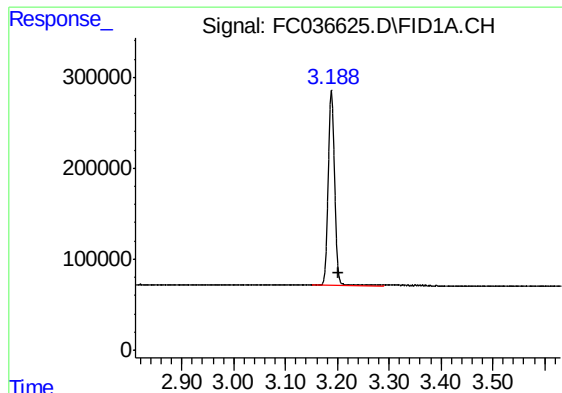
(m)=manual int.

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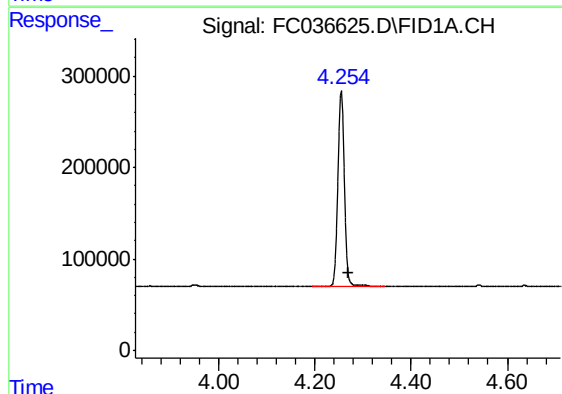
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Signal Info : 20M x 0.18mm x 0.18um





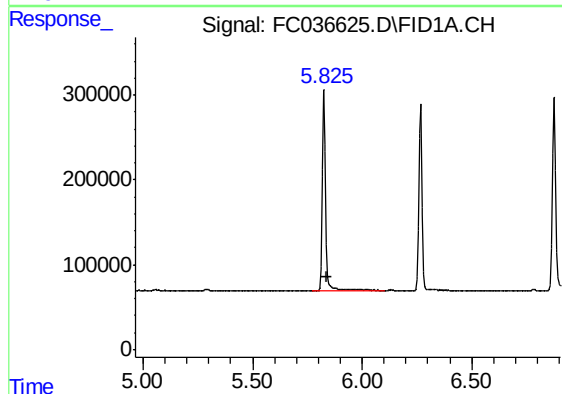
#1 n-Nonane (C9)

R.T.: 3.189 min
Delta R.T.: -0.014 min
Response: 1845370
Conc: 20.71 ug/ml



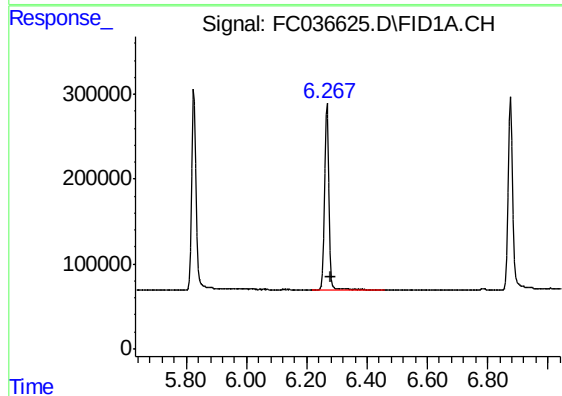
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: -0.014 min
Response: 1976931
Conc: 21.99 ug/ml



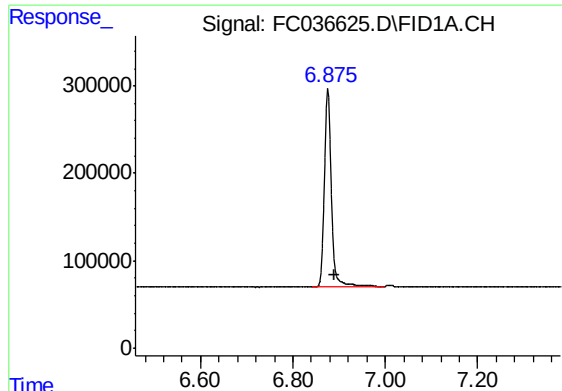
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: -0.016 min
Response: 2468919
Conc: 24.63 ug/ml



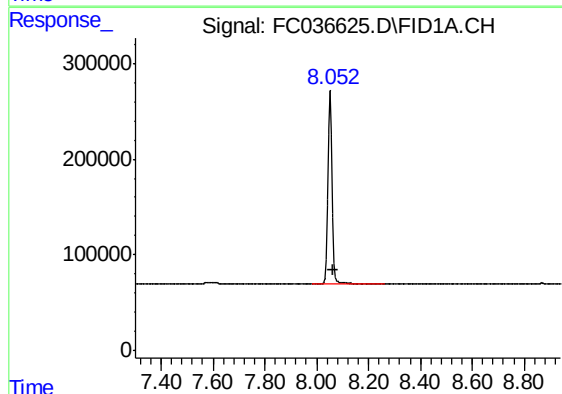
#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: -0.013 min
Response: 2158644
Conc: 23.16 ug/ml



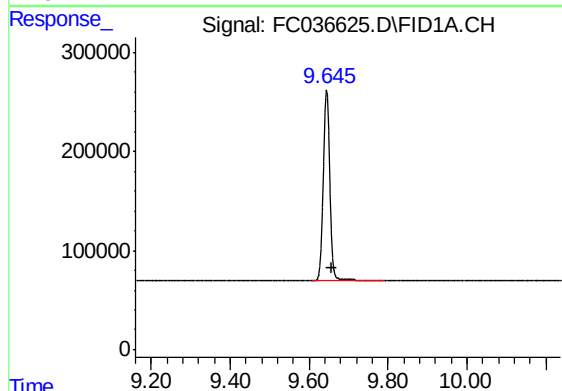
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: -0.015 min
Response: 2453147
Conc: 24.40 ug/ml



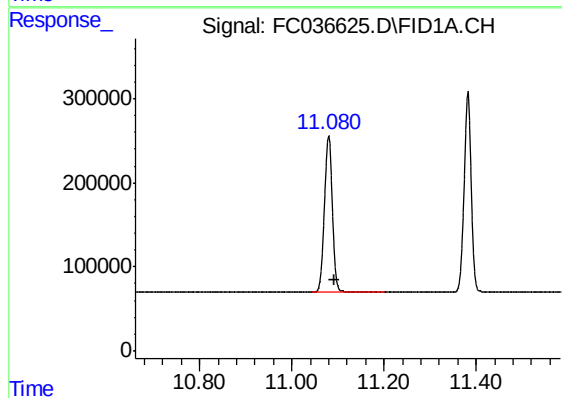
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: -0.013 min
Response: 2247391
Conc: 22.98 ug/ml



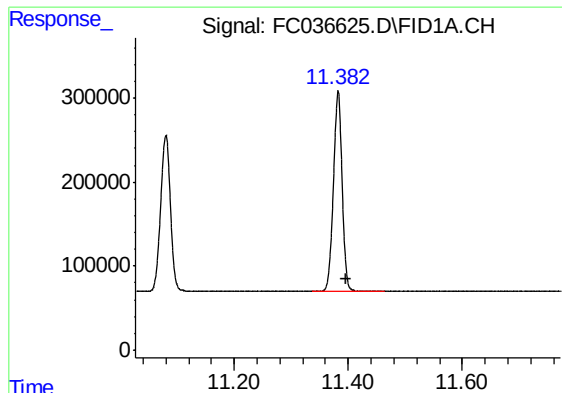
#7 n-Hexadecane (C16)

R.T.: 9.645 min
Delta R.T.: -0.012 min
Response: 2241216
Conc: 21.81 ug/ml



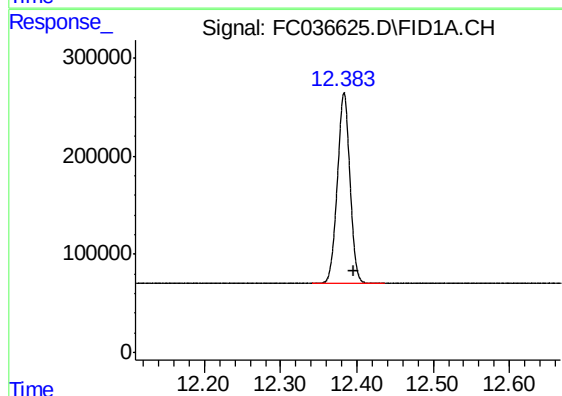
#8 n-Octadecane (C18)

R.T.: 11.080 min
Delta R.T.: -0.011 min
Response: 2241767
Conc: 20.64 ug/ml



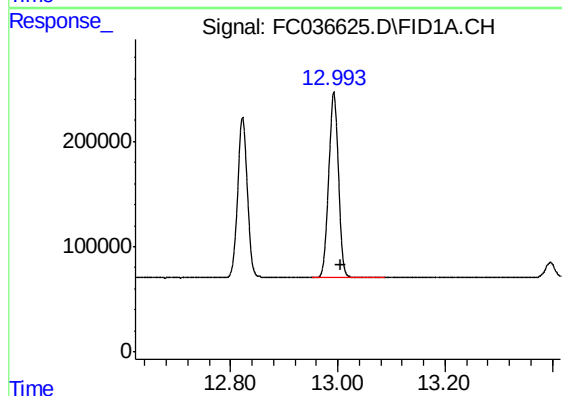
#9 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.013 min
Response: 2534379
Conc: 20.84 ug/ml



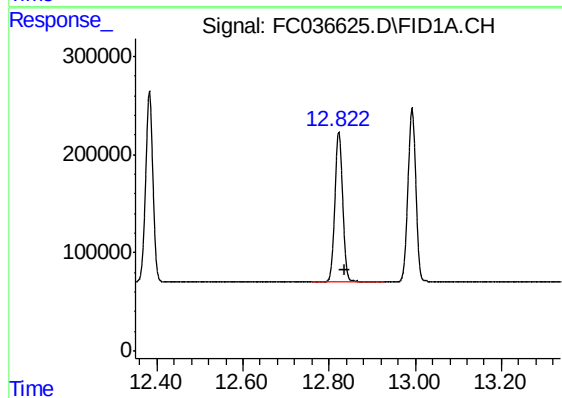
#10 n-Eicosane (C20)

R.T.: 12.383 min
Delta R.T.: -0.013 min
Response: 2248514
Conc: 20.33 ug/ml



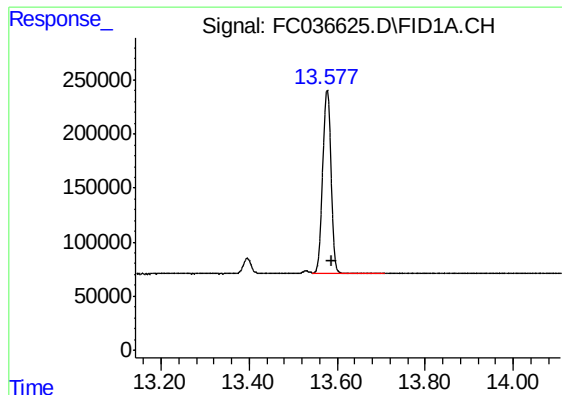
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: -0.012 min
Response: 2244823
Conc: 20.43 ug/ml



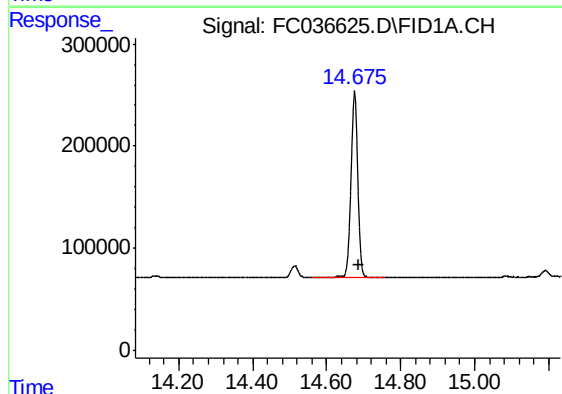
#12 1-chlorooctadecane (SURR)

R.T.: 12.823 min
Delta R.T.: -0.013 min
Response: 1939660
Conc: 20.60 ug/ml



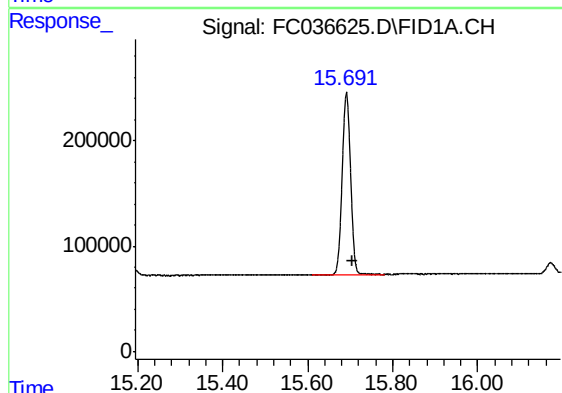
#13 n-Docosane (C22)

R.T.: 13.577 min
Delta R.T.: -0.011 min
Response: 2271687
Conc: 20.81 ug/ml



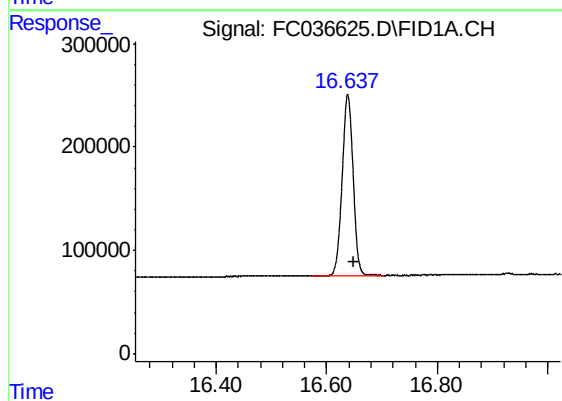
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: -0.011 min
Response: 2337898
Conc: 21.41 ug/ml



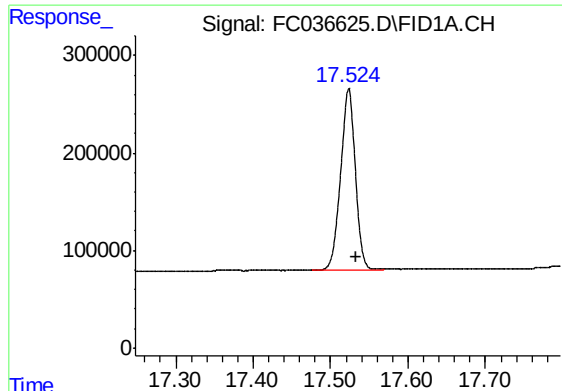
#15 n-Hexacosane (C26)

R.T.: 15.691 min
Delta R.T.: -0.013 min
Response: 2373091
Conc: 21.97 ug/ml



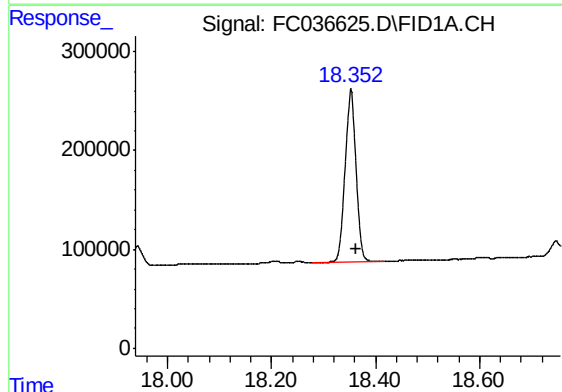
#16 n-Octacosane (C28)

R.T.: 16.638 min
Delta R.T.: -0.011 min
Response: 2437287
Conc: 22.09 ug/ml



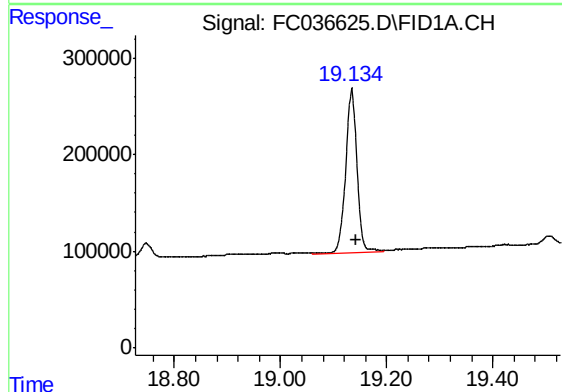
#17 n-Tricontane (C30)

R.T.: 17.523 min
Delta R.T.: -0.009 min
Response: 2473006
Conc: 21.25 ug/ml



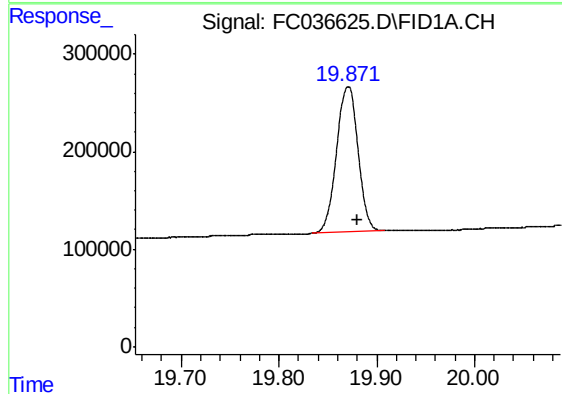
#18 n-Dotriacontane (C32)

R.T.: 18.353 min
Delta R.T.: -0.009 min
Response: 2525573
Conc: 21.66 ug/ml



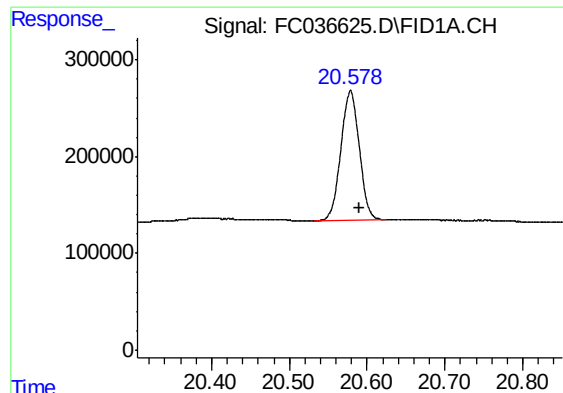
#19 n-Tetatriacontane (C34)

R.T.: 19.134 min
Delta R.T.: -0.010 min
Response: 2516329
Conc: 22.46 ug/ml



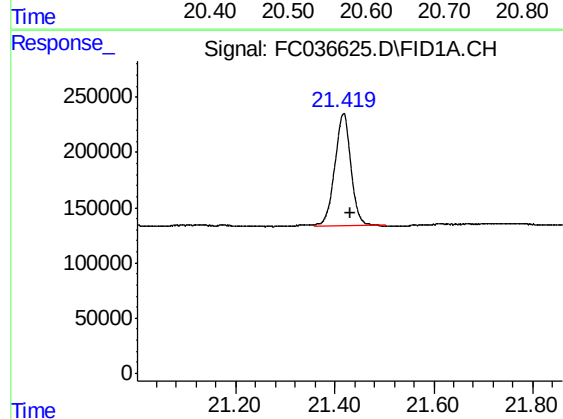
#20 n-Hexatriacontane (C36)

R.T.: 19.871 min
Delta R.T.: -0.009 min
Response: 2277943
Conc: 21.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.578 min
Delta R.T.: -0.012 min
Response: 2194457
Conc: 20.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.419 min
Delta R.T.: -0.012 min
Response: 2289030
Conc: 21.32 ug/ml m