

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041919AL\
 Data File : FC040768.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2019 2:24
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 20 04:41:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.034	2642200	20.518 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	12.463	2015352	20.402 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
Target Compounds			
1) T n-Nonane (C9)	2.866	1665671	20.182 ug/ml
2) T n-Decane (C10)	3.888	1787526	21.120 ug/ml
3) T A~Naphthalene (C11.7)	5.465	2221400	22.767 ug/ml
4) T n-Dodecane (C12)	5.883	1936587	22.420 ug/ml
5) T A~2-methylnaphthalene...	6.515	2268862	22.834 ug/ml
6) T n-Tetradecane (C14)	7.673	2013665	22.094 ug/ml
7) T n-Hexadecane (C16)	9.271	2027421	21.094 ug/ml
8) T n-Octadecane (C18)	10.710	2019045	20.128 ug/ml
10) T n-Eicosane (C20)	12.017	2030901	19.956 ug/ml
11) T n-Heneicosane (C21)	12.628	2022552	20.057 ug/ml
13) T n-Docosane (C22)	13.214	2032023	20.215 ug/ml
14) T n-Tetracosane (C24)	14.316	2038469	20.474 ug/ml
15) T n-Hexacosane (C26)	15.335	2056611	21.006 ug/ml
16) T n-Octacosane (C28)	16.284	2086281	21.267 ug/ml
17) T n-Tricontane (C30)	17.170	2070796	21.163 ug/mlm
18) T n-Dotriacontane (C32)	18.002	1983663	20.497 ug/mlm
19) T n-Tetratriacontane (C34)	18.820	1838682	21.934 ug/mlm
20) T n-Hexatriacontane (C36)	19.852	1555571	21.127 ug/ml
21) T n-Octatriacontane (C38)	21.248	1440835	20.852 ug/ml
22) T n-Tetracontane (C40)	23.181	1353594	19.969 ug/ml

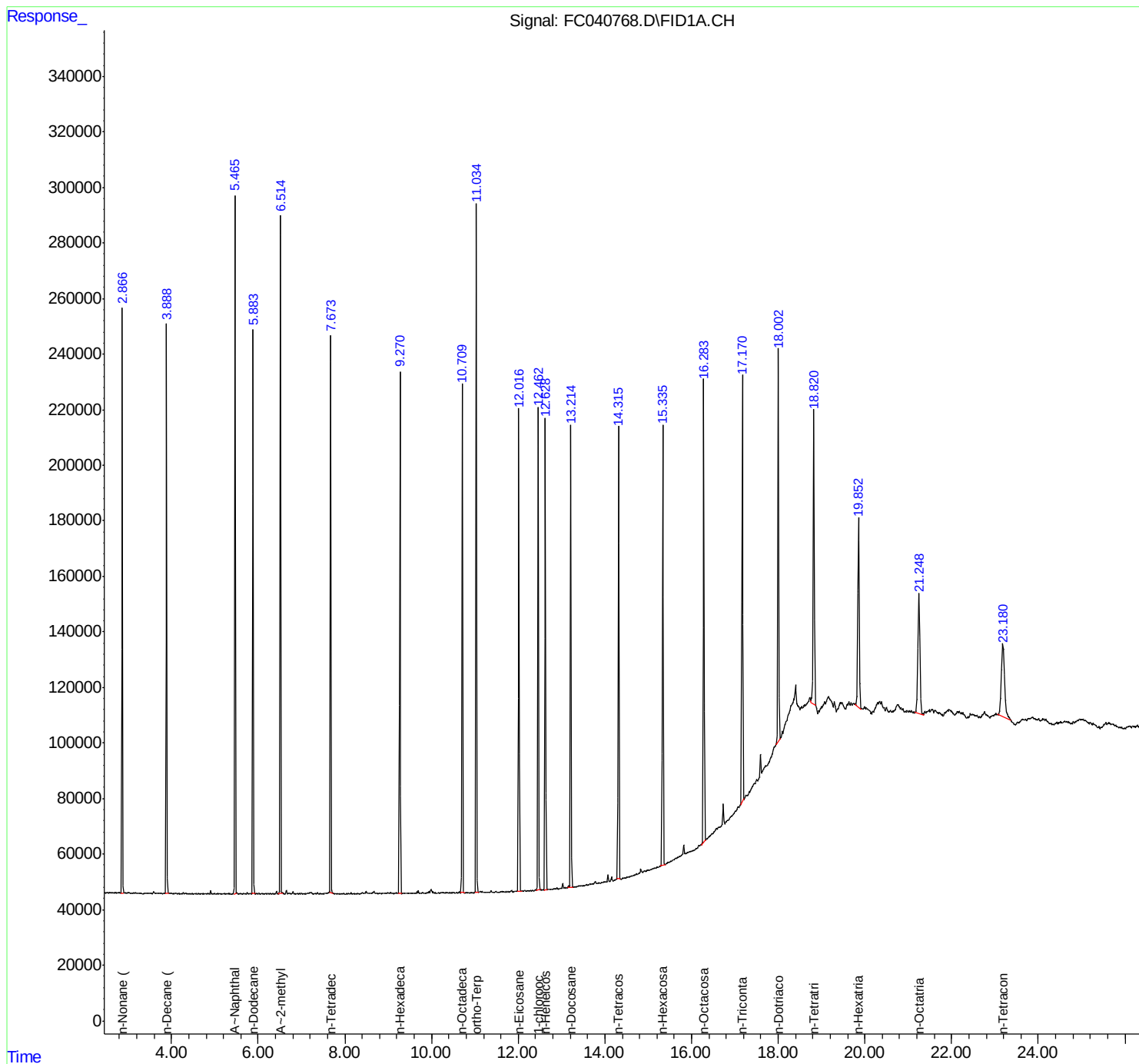
(f)=RT Delta > 1/2 Window

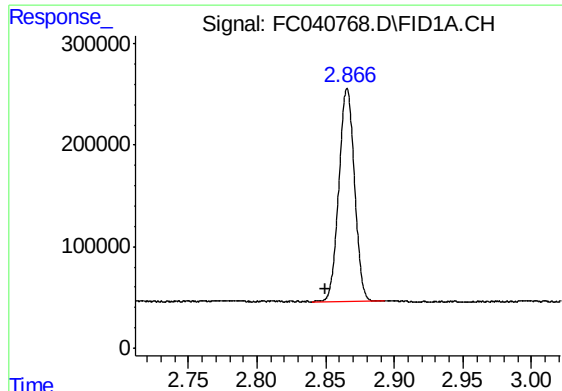
(m)=manual int.

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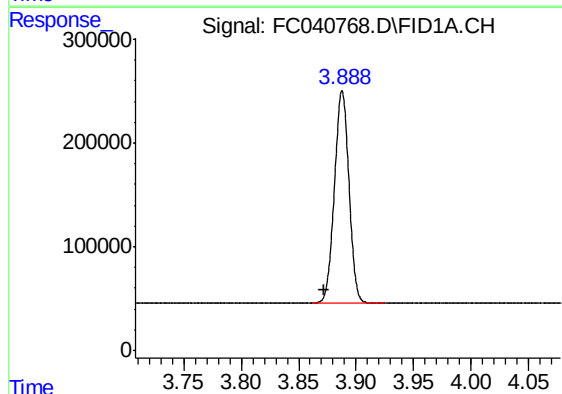
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Signal Info : 20M x 0.18mm x 0.18um





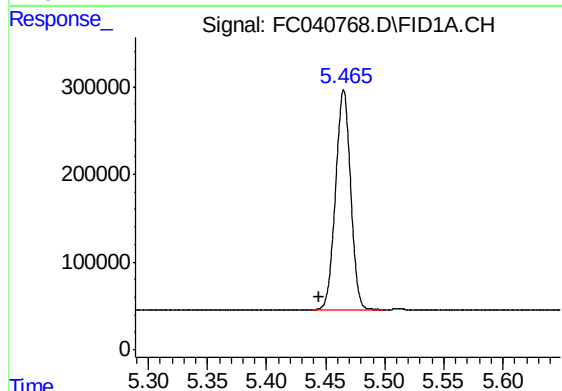
#1 n-Nonane (C9)

R.T.: 2.866 min
Delta R.T.: 0.016 min
Response: 1665671
Conc: 20.18 ug/ml



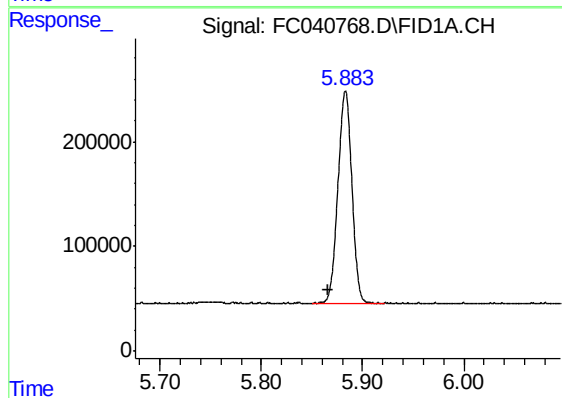
#2 n-Decane (C10)

R.T.: 3.888 min
Delta R.T.: 0.016 min
Response: 1787526
Conc: 21.12 ug/ml



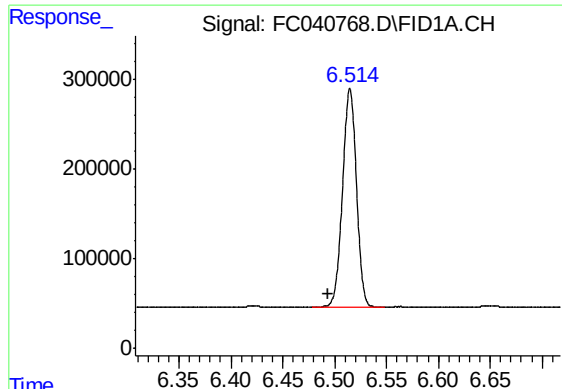
#3 A~Naphthalene (C11.7)

R.T.: 5.465 min
Delta R.T.: 0.021 min
Response: 2221400
Conc: 22.77 ug/ml



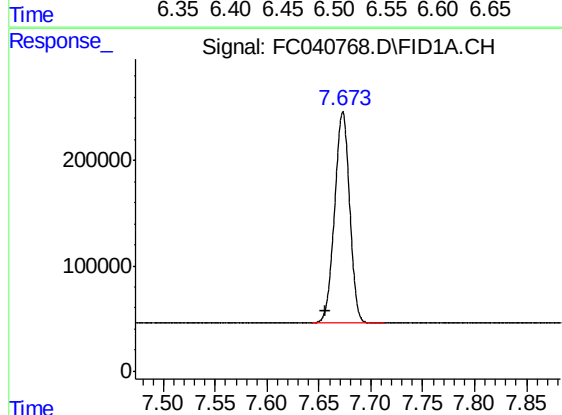
#4 n-Dodecane (C12)

R.T.: 5.883 min
Delta R.T.: 0.017 min
Response: 1936587
Conc: 22.42 ug/ml



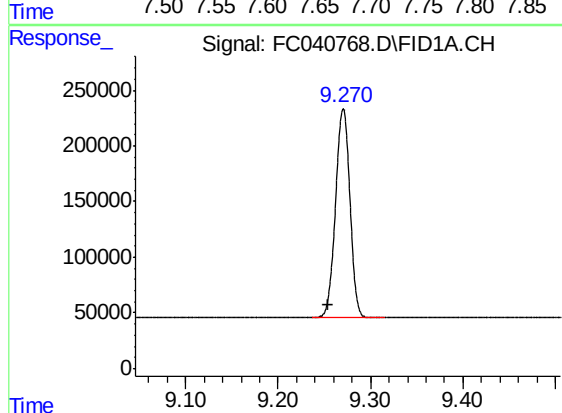
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.515 min
Delta R.T.: 0.022 min
Response: 2268862
Conc: 22.83 ug/ml



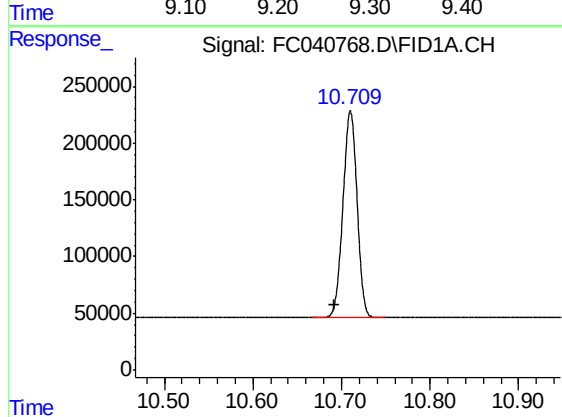
#6 n-Tetradecane (C14)

R.T.: 7.673 min
Delta R.T.: 0.017 min
Response: 2013665
Conc: 22.09 ug/ml



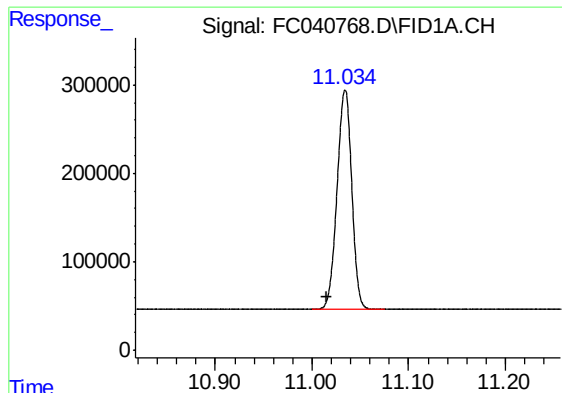
#7 n-Hexadecane (C16)

R.T.: 9.271 min
Delta R.T.: 0.017 min
Response: 2027421
Conc: 21.09 ug/ml



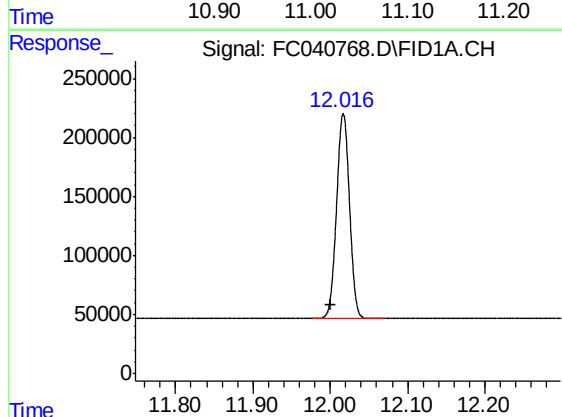
#8 n-Octadecane (C18)

R.T.: 10.710 min
Delta R.T.: 0.018 min
Response: 2019045
Conc: 20.13 ug/ml



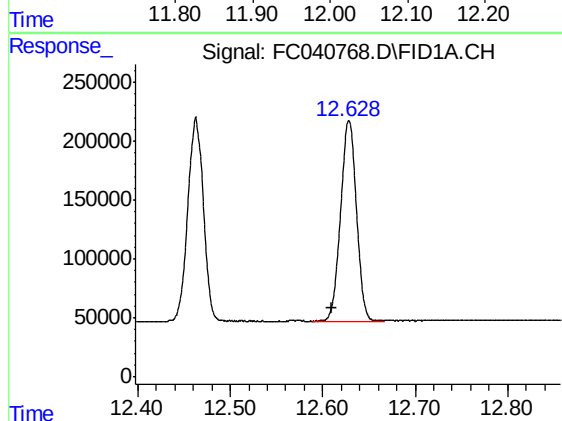
#9 ortho-Terphenyl (SURR)

R.T.: 11.034 min
Delta R.T.: 0.019 min
Response: 2642200
Conc: 20.52 ug/ml



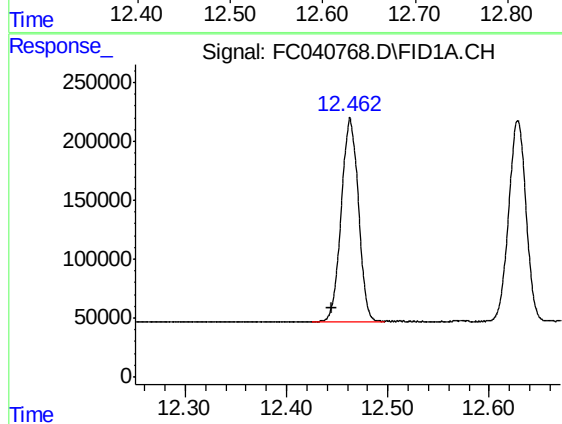
#10 n-Eicosane (C20)

R.T.: 12.017 min
Delta R.T.: 0.017 min
Response: 2030901
Conc: 19.96 ug/ml



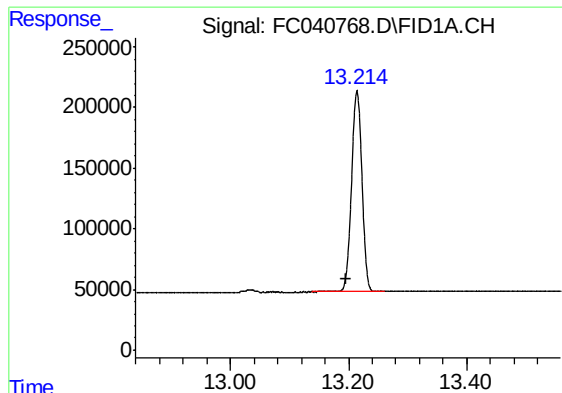
#11 n-Heneicosane (C21)

R.T.: 12.628 min
Delta R.T.: 0.018 min
Response: 2022552
Conc: 20.06 ug/ml



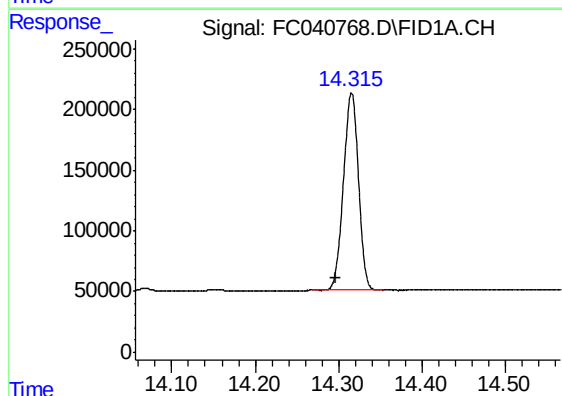
#12 1-chlorooctadecane (SURR)

R.T.: 12.463 min
Delta R.T.: 0.018 min
Response: 2015352
Conc: 20.40 ug/ml



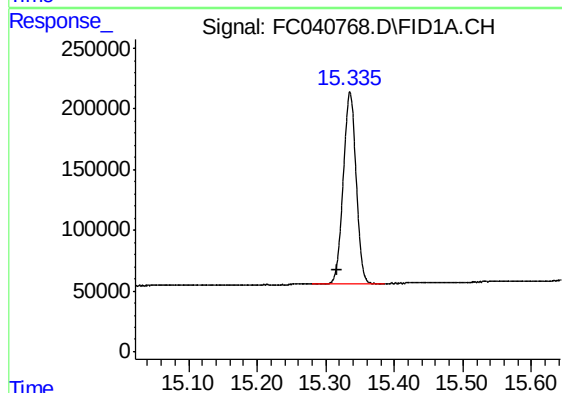
#13 n-Docosane (C22)

R.T.: 13.214 min
Delta R.T.: 0.018 min
Response: 2032023
Conc: 20.22 ug/ml



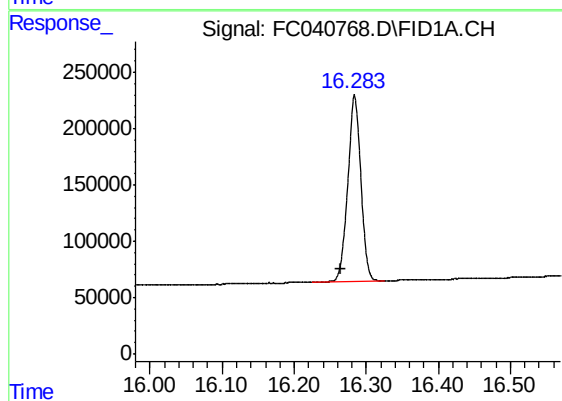
#14 n-Tetracosane (C24)

R.T.: 14.316 min
Delta R.T.: 0.019 min
Response: 2038469
Conc: 20.47 ug/ml



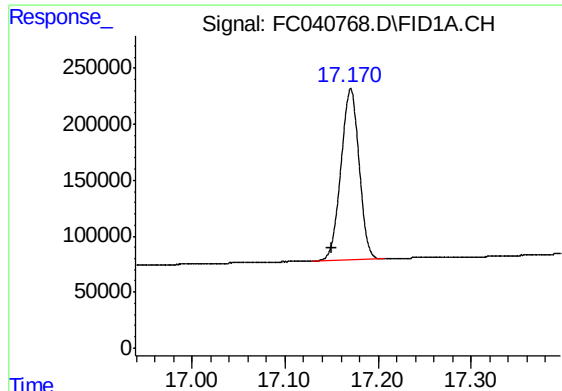
#15 n-Hexacosane (C26)

R.T.: 15.335 min
Delta R.T.: 0.019 min
Response: 2056611
Conc: 21.01 ug/ml



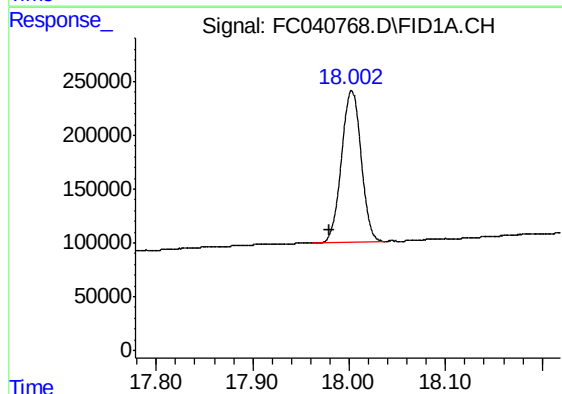
#16 n-Octacosane (C28)

R.T.: 16.284 min
Delta R.T.: 0.020 min
Response: 2086281
Conc: 21.27 ug/ml



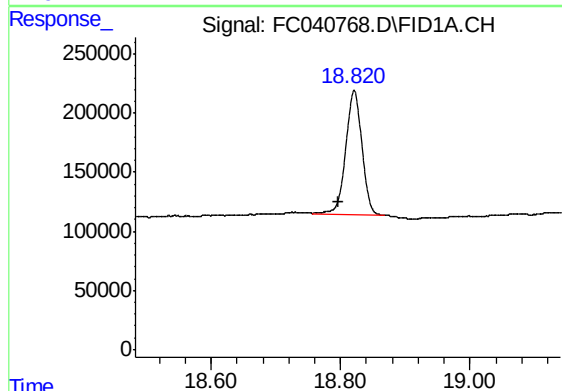
#17 n-Tricontane (C30)

R.T.: 17.170 min
Delta R.T.: 0.020 min
Response: 2070796
Conc: 21.16 ug/ml m



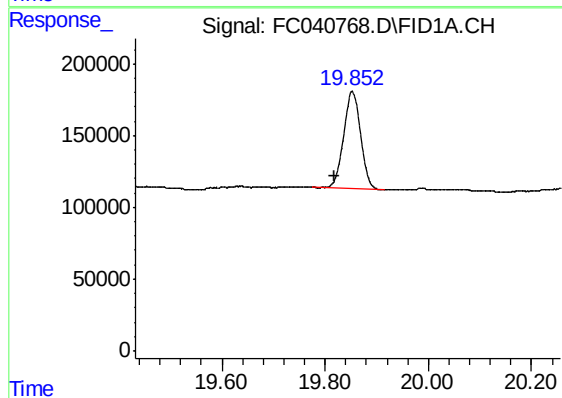
#18 n-Dotriacontane (C32)

R.T.: 18.002 min
Delta R.T.: 0.022 min
Response: 1983663
Conc: 20.50 ug/ml m



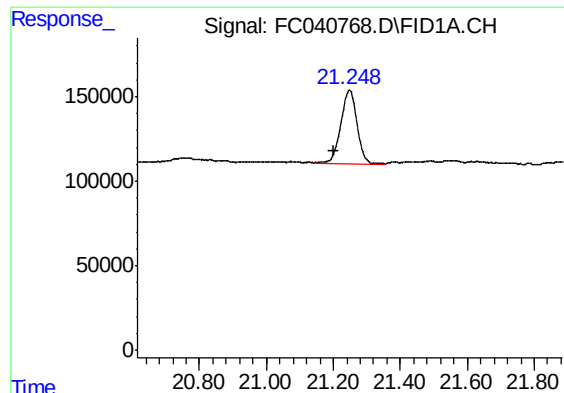
#19 n-Tetatriacontane (C34)

R.T.: 18.820 min
Delta R.T.: 0.025 min
Response: 1838682
Conc: 21.93 ug/ml m



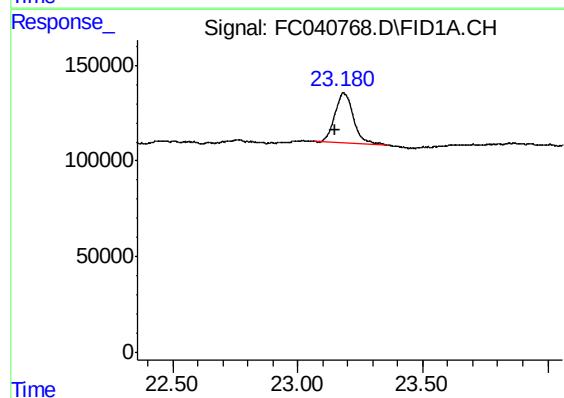
#20 n-Hexatriacontane (C36)

R.T.: 19.852 min
Delta R.T.: 0.034 min
Response: 1555571
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.248 min
Delta R.T.: 0.048 min
Response: 1440835
Conc: 20.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.181 min
Delta R.T.: 0.031 min
Response: 1353594
Conc: 19.97 ug/ml