

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080422AL\
 Data File : FC060987.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2022 09:45
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 06:36:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.628	2918334	17.783 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
12) S 1-chlorooctadecane (S...	11.992	2330378	17.554 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
Target Compounds			
1) T n-Nonane (C9)	2.627	2694067	19.129 ug/ml
2) T n-Decane (C10)	3.620	2770499	19.640 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2814721	19.802 ug/ml
4) T n-Dodecane (C12)	5.566	2877799	19.416 ug/ml
5) T A~2-methylnaphthalene...	6.185	2778744	20.261 ug/ml
6) T n-Tetradecane (C14)	7.314	2883843	19.208 ug/ml
7) T n-Hexadecane (C16)	8.873	2890732	18.889 ug/ml
8) T n-Octadecane (C18)	10.280	2883110	18.463 ug/ml
10) T n-Eicosane (C20)	11.557	2821256	17.978 ug/ml
11) T n-Heneicosane (C21)	12.154	2766154	17.679 ug/ml
13) T n-Docosane (C22)	12.725	2734505	17.538 ug/ml
14) T n-Tetracosane (C24)	13.802	2615303	17.131 ug/ml
15) T n-Hexacosane (C26)	14.798	2518217	16.870 ug/ml
16) T n-Octacosane (C28)	15.725	2491613	17.388 ug/ml
17) T n-Tricontane (C30)	16.591	2679526	19.139 ug/ml
18) T n-Dotriacontane (C32)	17.402	2784640	20.633 ug/ml
19) T n-Tetratriacontane (C34)	18.167	2655111	21.170 ug/ml
20) T n-Hexatriacontane (C36)	18.888	2577023	21.083 ug/ml
21) T n-Octatriacontane (C38)	19.573	2480628	21.018 ug/mlm
22) T n-Tetracontane (C40)	20.216	2411441	20.952 ug/mlm

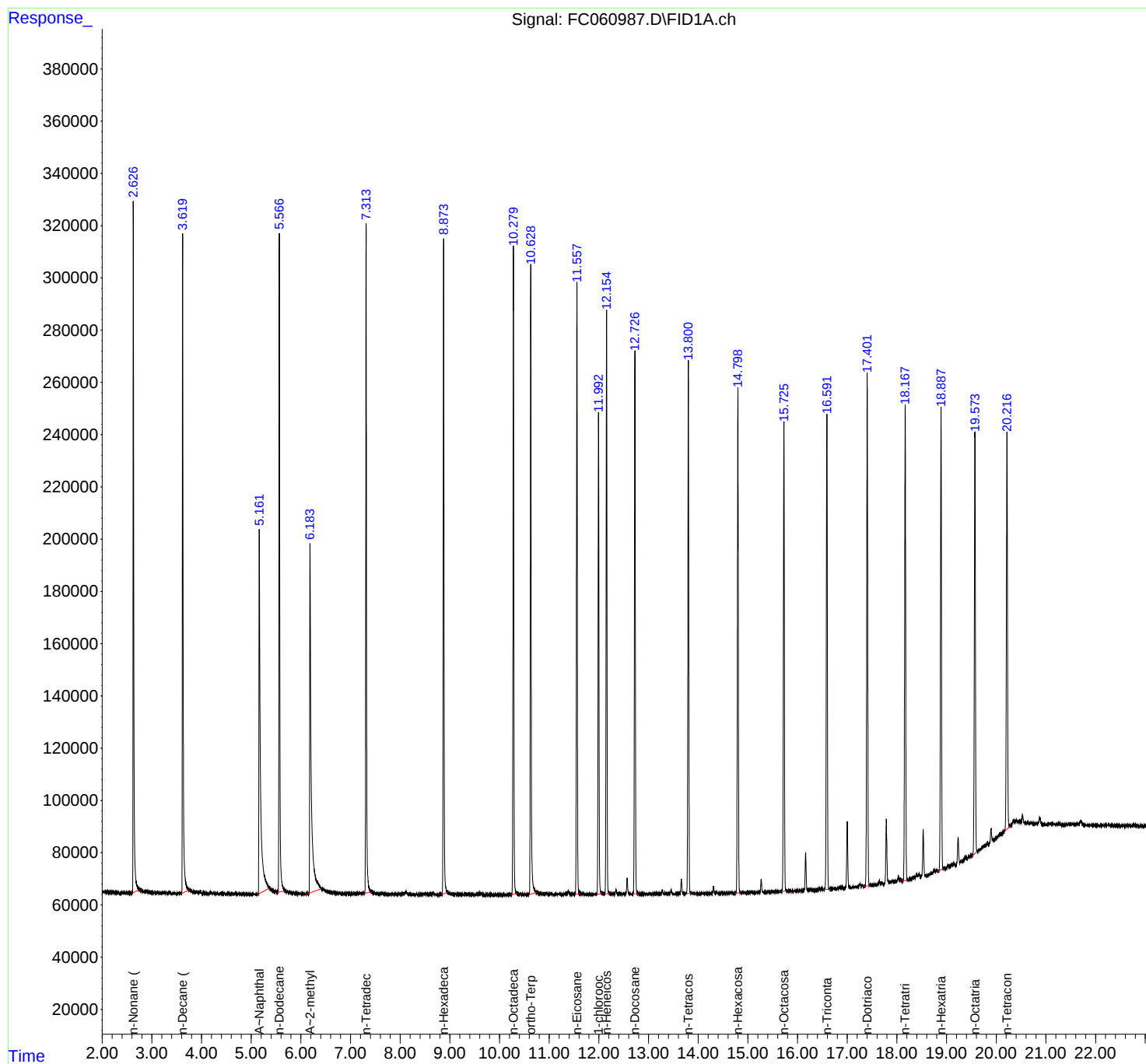
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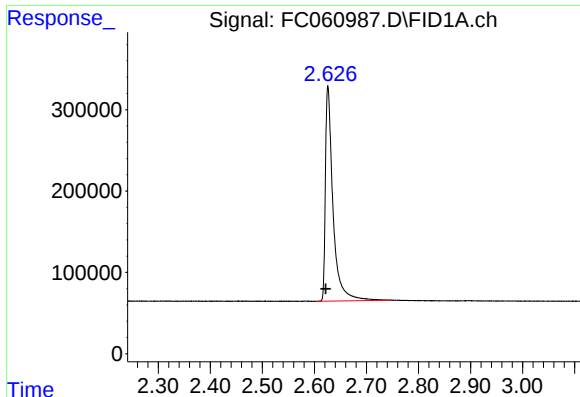
(m)=manual int.

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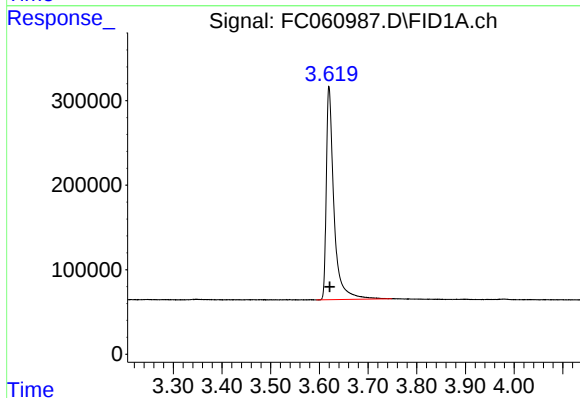
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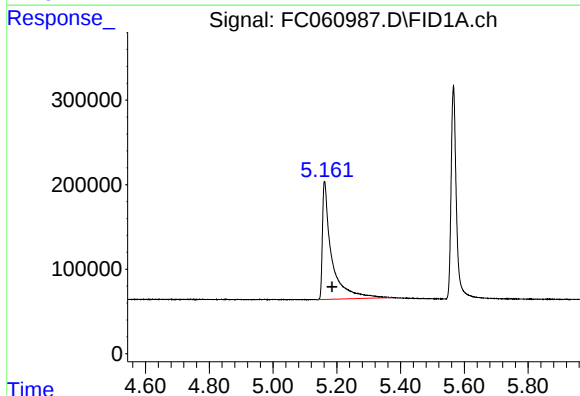
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: 0.005 min
Response: 2694067
Conc: 19.13 ug/ml



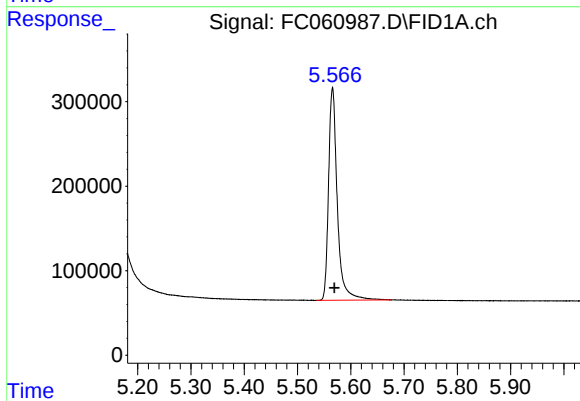
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 2770499
Conc: 19.64 ug/ml



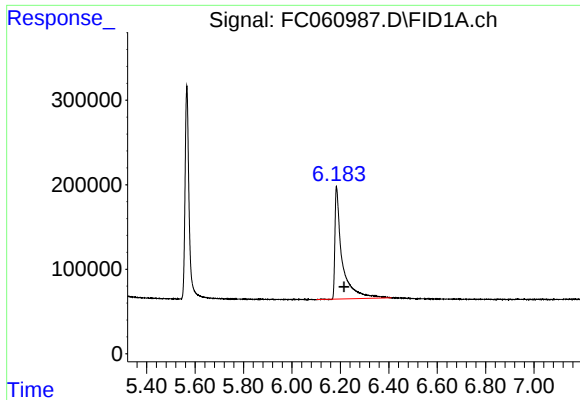
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 2814721
Conc: 19.80 ug/ml



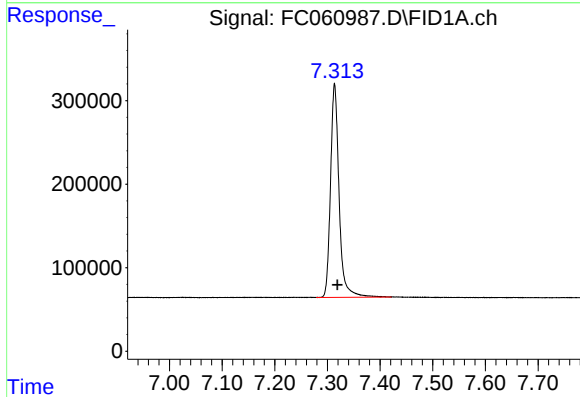
#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.004 min
Response: 2877799
Conc: 19.42 ug/ml



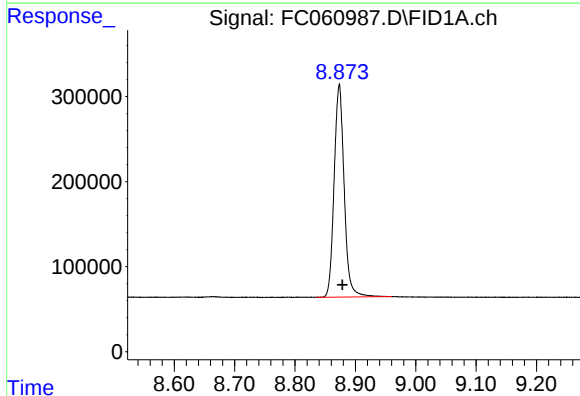
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.185 min
Delta R.T.: -0.030 min
Response: 2778744
Conc: 20.26 ug/ml



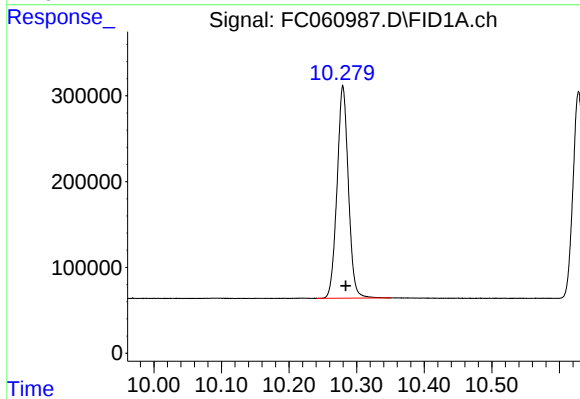
#6 n-Tetradecane (C14)

R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 2883843
Conc: 19.21 ug/ml



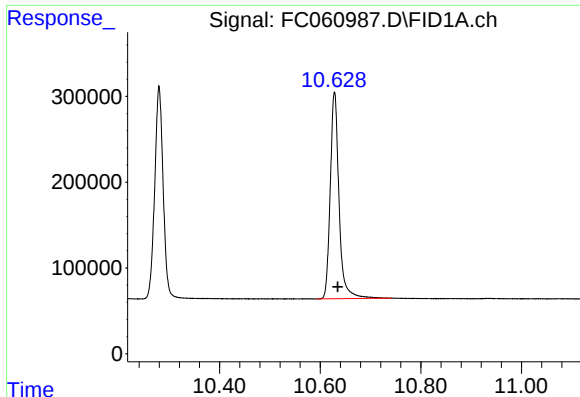
#7 n-Hexadecane (C16)

R.T.: 8.873 min
Delta R.T.: -0.005 min
Response: 2890732
Conc: 18.89 ug/ml



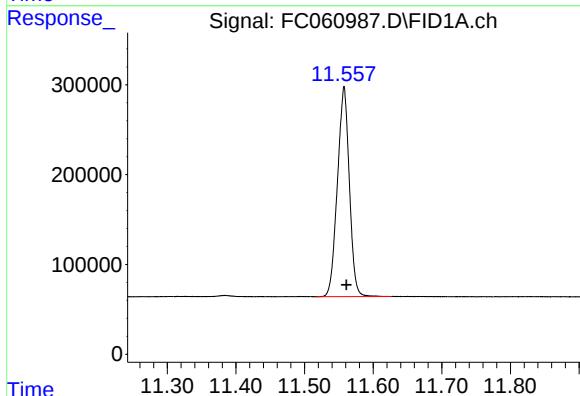
#8 n-Octadecane (C18)

R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 2883110
Conc: 18.46 ug/ml



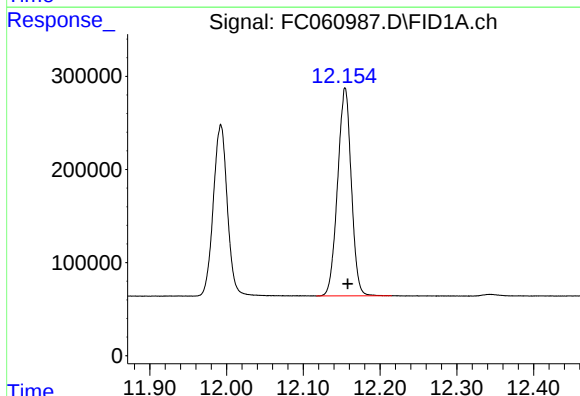
#9 ortho-Terphenyl (SURR)

R.T.: 10.628 min
Delta R.T.: -0.006 min
Response: 2918334
Conc: 17.78 ug/ml



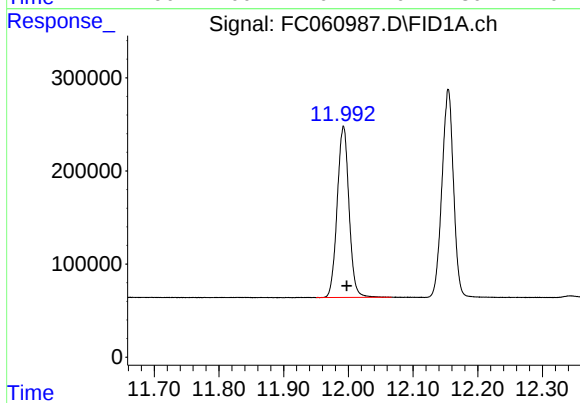
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.003 min
Response: 2821256
Conc: 17.98 ug/ml



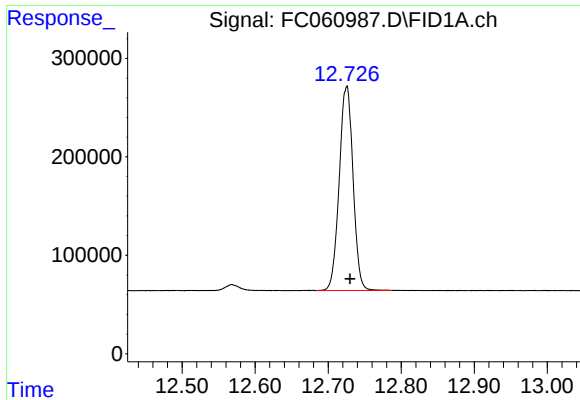
#11 n-Heneicosane (C21)

R.T.: 12.154 min
Delta R.T.: -0.004 min
Response: 2766154
Conc: 17.68 ug/ml



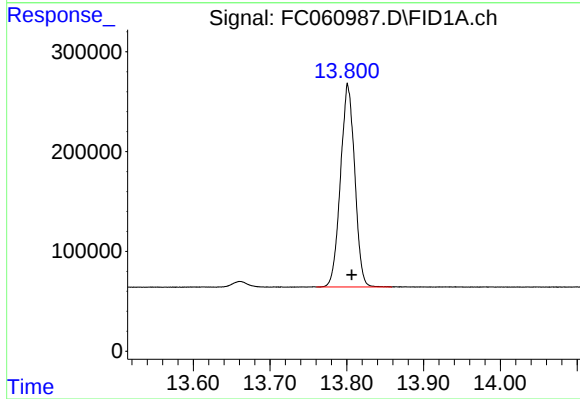
#12 1-chlorooctadecane (SURR)

R.T.: 11.992 min
Delta R.T.: -0.005 min
Response: 2330378
Conc: 17.55 ug/ml



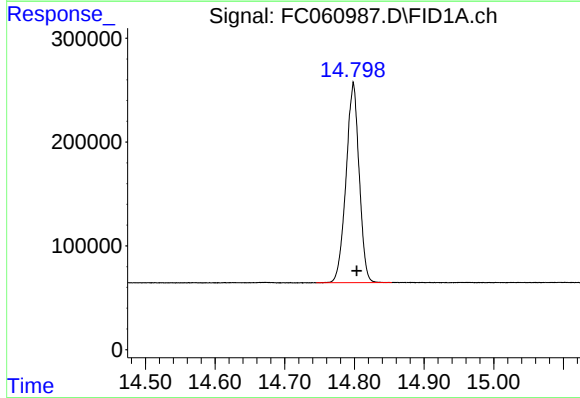
#13 n-Docosane (C22)

R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 2734505
Conc: 17.54 ug/ml



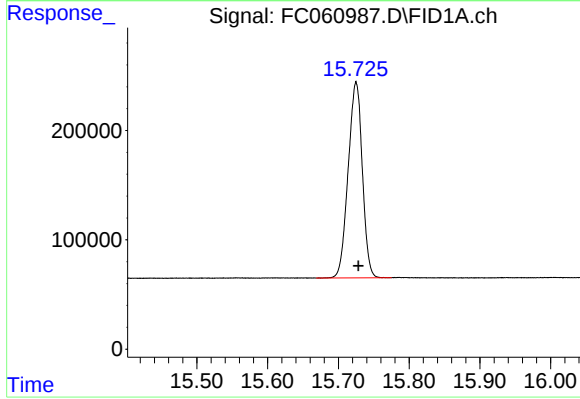
#14 n-Tetracosane (C24)

R.T.: 13.802 min
Delta R.T.: -0.005 min
Response: 2615303
Conc: 17.13 ug/ml



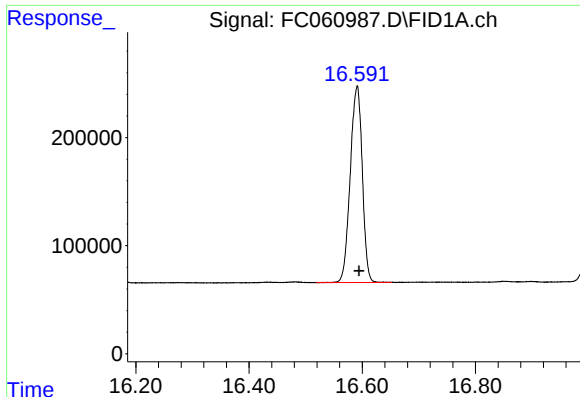
#15 n-Hexacosane (C26)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 2518217
Conc: 16.87 ug/ml



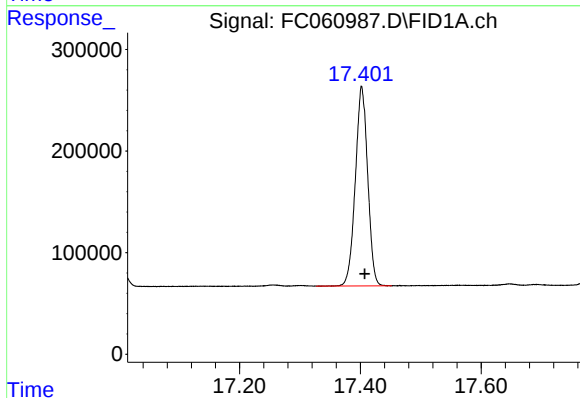
#16 n-Octacosane (C28)

R.T.: 15.725 min
Delta R.T.: -0.004 min
Response: 2491613
Conc: 17.39 ug/ml



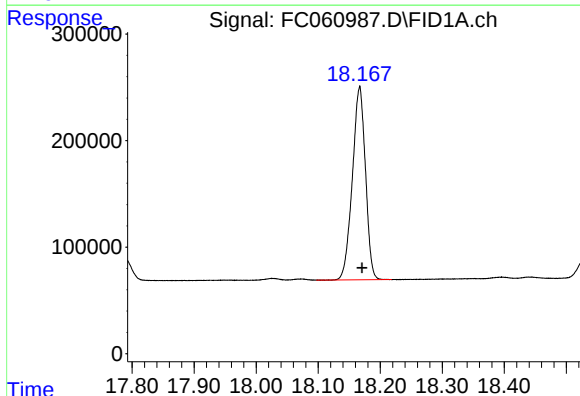
#17 n-Tricontane (C30)

R.T.: 16.591 min
Delta R.T.: -0.004 min
Response: 2679526
Conc: 19.14 ug/ml



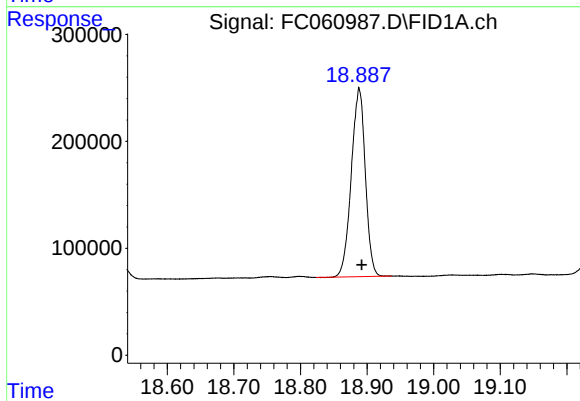
#18 n-Dotriacontane (C32)

R.T.: 17.402 min
Delta R.T.: -0.005 min
Response: 2784640
Conc: 20.63 ug/ml



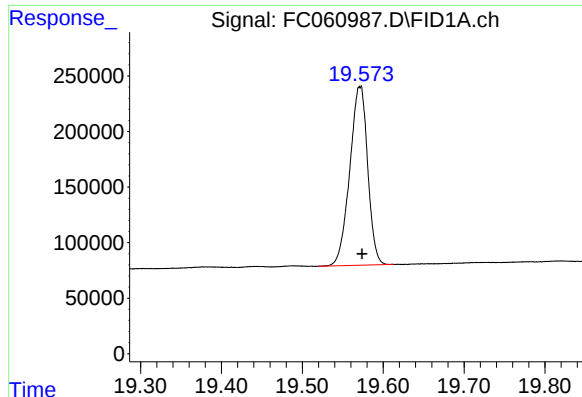
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 2655111
Conc: 21.17 ug/ml



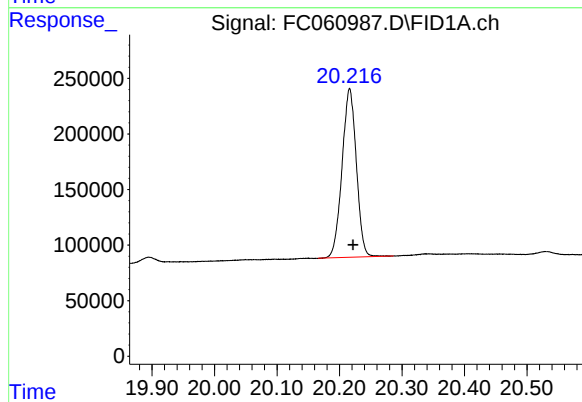
#20 n-Hexatriacontane (C36)

R.T.: 18.888 min
Delta R.T.: -0.004 min
Response: 2577023
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.573 min
Delta R.T.: 0.000 min
Response: 2480628
Conc: 21.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 2411441
Conc: 20.95 ug/ml m