

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070822AL\
 Data File : FC060654.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2022 23:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:57:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.633	3615415	19.729 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
12) S 1-chlorooctadecane (S...	12.000	2859557	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	2.620	3195157	20.829 ug/ml
2) T n-Decane (C10)	3.617	3222511	21.101 ug/ml
3) T A~Naphthalene (C11.7)	5.155	3533166	21.133 ug/ml
4) T n-Dodecane (C12)	5.566	3403394	21.059 ug/ml
5) T A~2-methylnaphthalene...	6.179	3572994	21.019 ug/ml
6) T n-Tetradecane (C14)	7.317	3443959	20.847 ug/ml
7) T n-Hexadecane (C16)	8.880	3475880	20.567 ug/ml
8) T n-Octadecane (C18)	10.287	3458028	20.100 ug/ml
10) T n-Eicosane (C20)	11.565	3355915	19.663 ug/ml
11) T n-Heneicosane (C21)	12.162	3309229	19.409 ug/ml
13) T n-Docosane (C22)	12.735	3257505	19.110 ug/ml
14) T n-Tetracosane (C24)	13.812	3121387	18.591 ug/ml
15) T n-Hexacosane (C26)	14.808	2973604	18.096 ug/ml
16) T n-Octacosane (C28)	15.734	2865671	18.060 ug/ml
17) T n-Tricontane (C30)	16.602	2813248	18.481 ug/ml
18) T n-Dotriacontane (C32)	17.413	2718213	18.699 ug/ml
19) T n-Tetratriacontane (C34)	18.177	2543257	20.024 ug/ml
20) T n-Hexatriacontane (C36)	18.899	2573159	22.928 ug/ml
21) T n-Octatriacontane (C38)	19.581	2965287	27.089 ug/ml
22) T n-Tetracontane (C40)	20.229	2541621	22.504 ug/ml

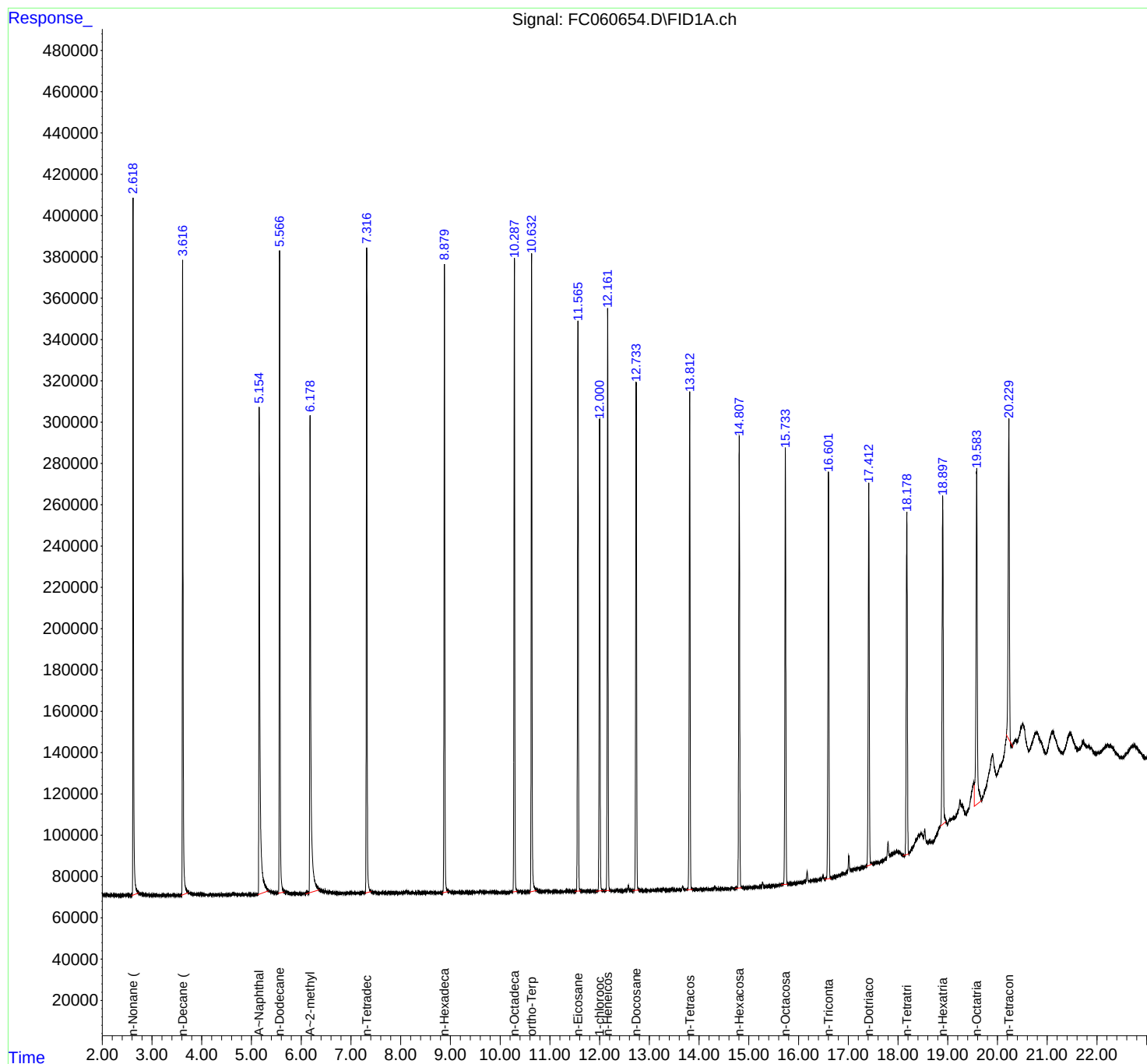
(f)=RT Delta > 1/2 Window

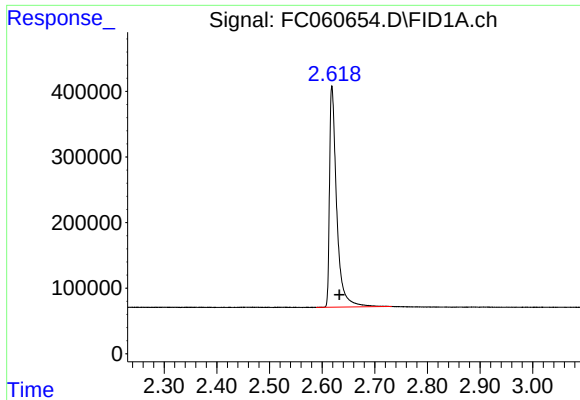
(m)=manual int.

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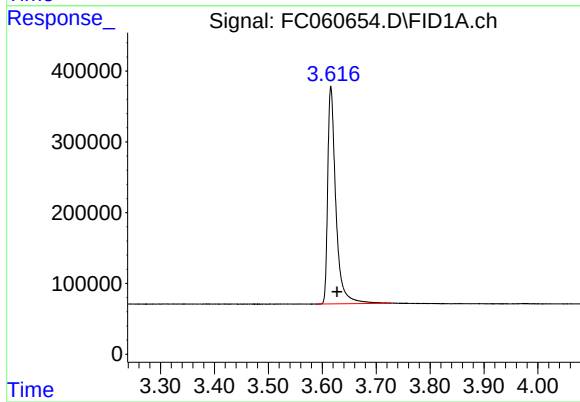
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





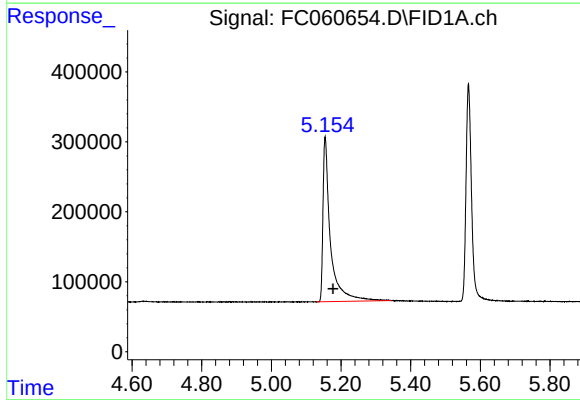
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.013 min
Response: 3195157
Conc: 20.83 ug/ml



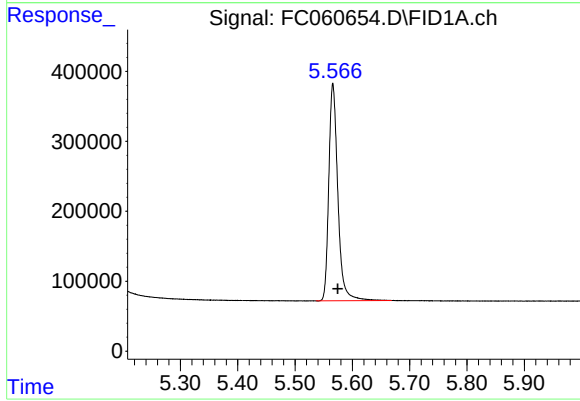
#2 n-Decane (C10)

R.T.: 3.617 min
Delta R.T.: -0.011 min
Response: 3222511
Conc: 21.10 ug/ml



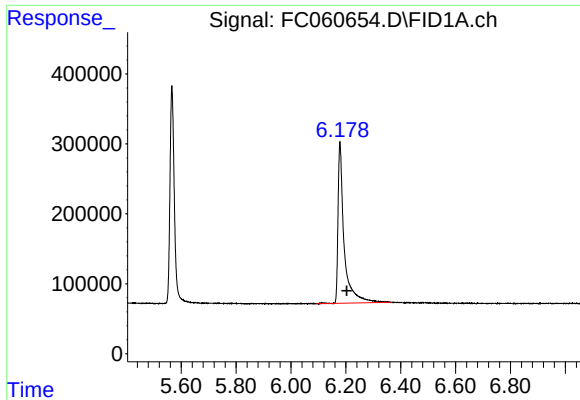
#3 A~Naphthalene (C11.7)

R.T.: 5.155 min
Delta R.T.: -0.022 min
Response: 3533166
Conc: 21.13 ug/ml



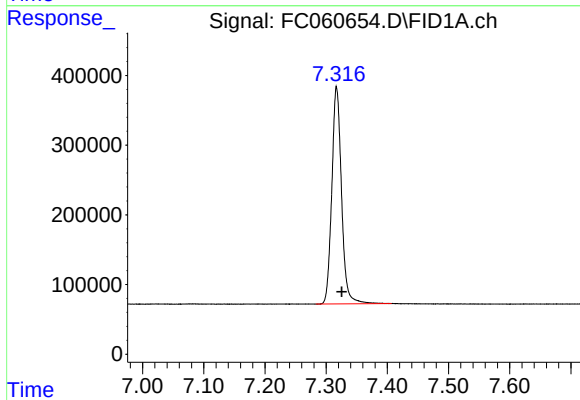
#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.008 min
Response: 3403394
Conc: 21.06 ug/ml



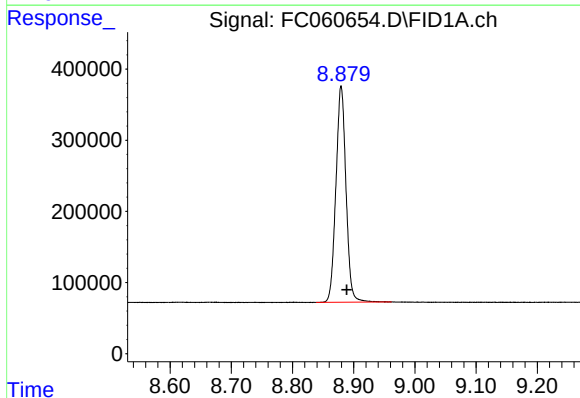
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.179 min
Delta R.T.: -0.025 min
Response: 3572994
Conc: 21.02 ug/ml



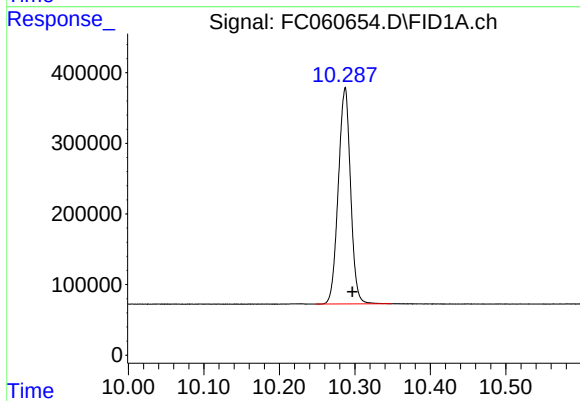
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 3443959
Conc: 20.85 ug/ml



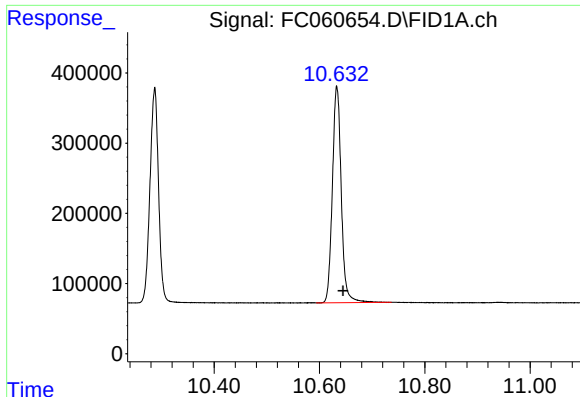
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 3475880
Conc: 20.57 ug/ml



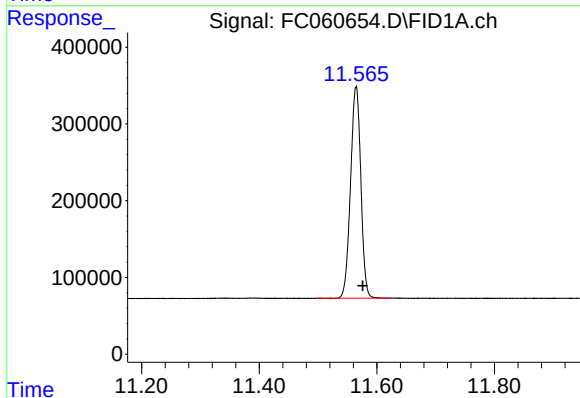
#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: -0.010 min
Response: 3458028
Conc: 20.10 ug/ml



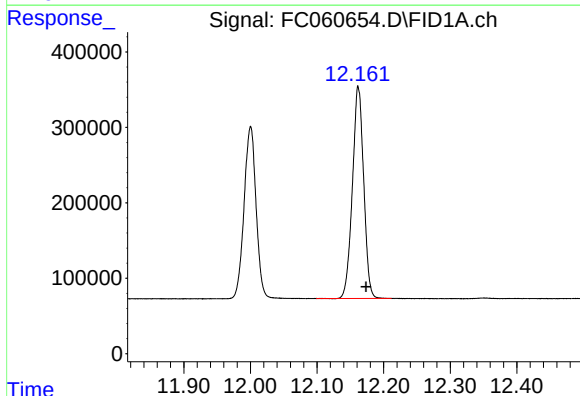
#9 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.012 min
Response: 3615415
Conc: 19.73 ug/ml



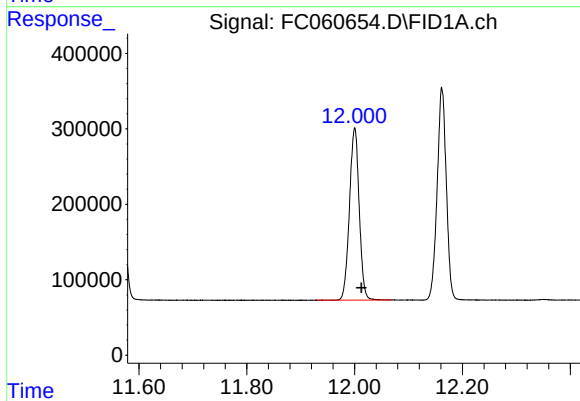
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: -0.011 min
Response: 3355915
Conc: 19.66 ug/ml



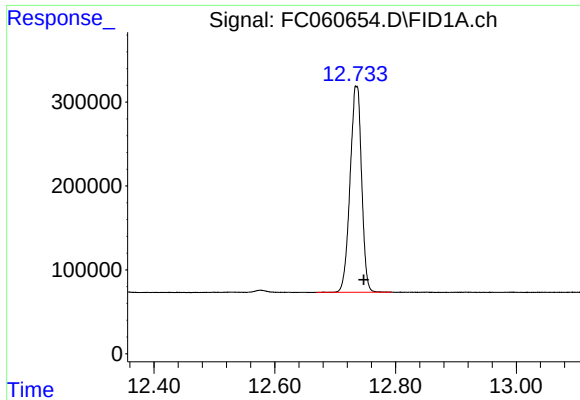
#11 n-Heneicosane (C21)

R.T.: 12.162 min
Delta R.T.: -0.012 min
Response: 3309229
Conc: 19.41 ug/ml



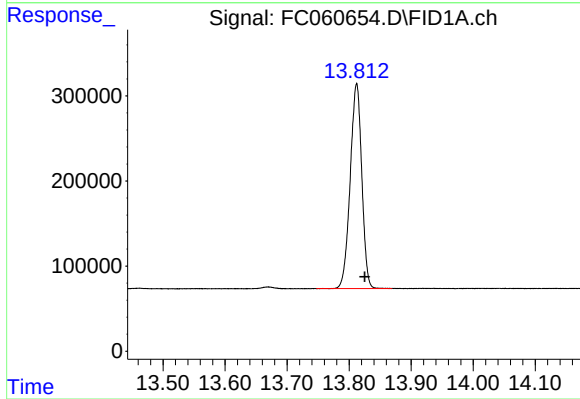
#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: -0.013 min
Response: 2859557
Conc: 19.40 ug/ml



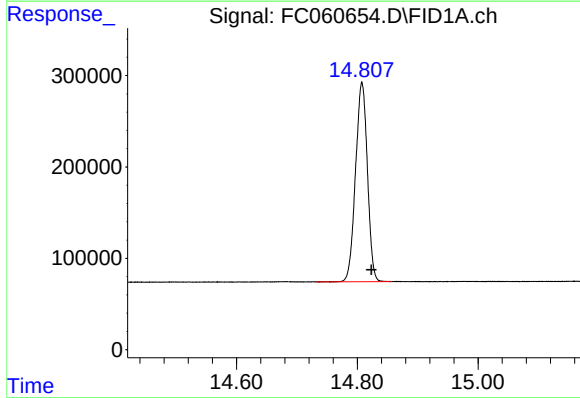
#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.012 min
Response: 3257505
Conc: 19.11 ug/ml



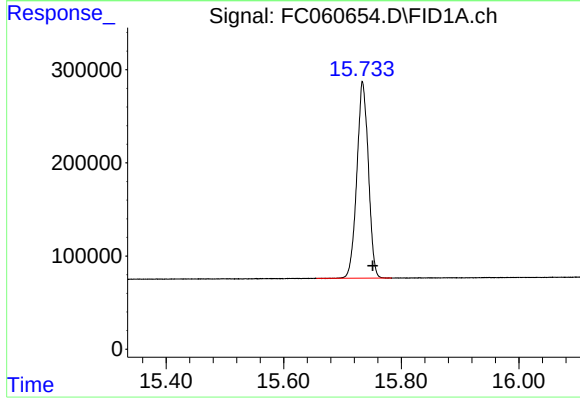
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: -0.013 min
Response: 3121387
Conc: 18.59 ug/ml



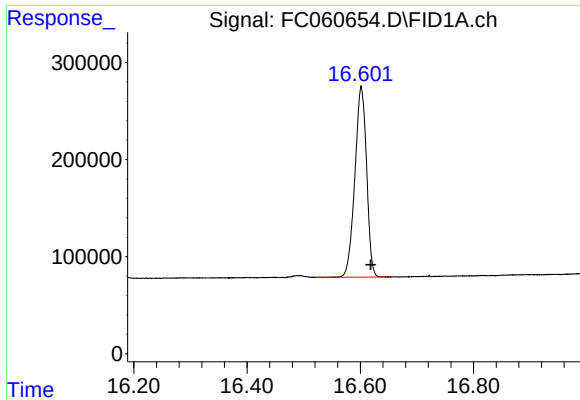
#15 n-Hexacosane (C26)

R.T.: 14.808 min
Delta R.T.: -0.016 min
Response: 2973604
Conc: 18.10 ug/ml



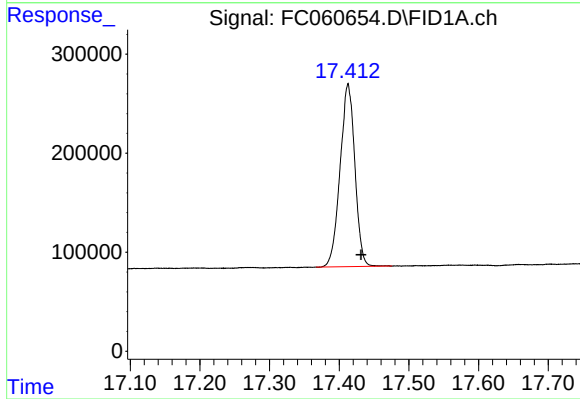
#16 n-Octacosane (C28)

R.T.: 15.734 min
Delta R.T.: -0.017 min
Response: 2865671
Conc: 18.06 ug/ml



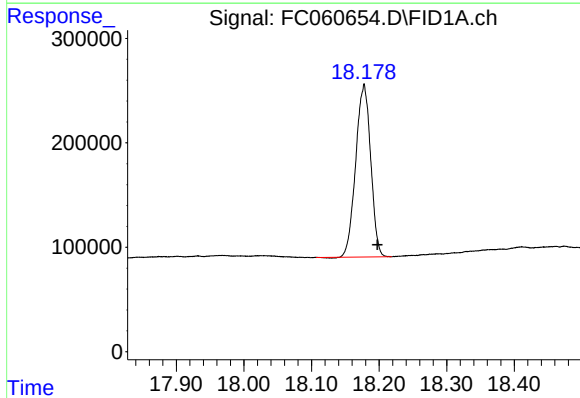
#17 n-Tricontane (C30)

R.T.: 16.602 min
Delta R.T.: -0.017 min
Response: 2813248
Conc: 18.48 ug/ml



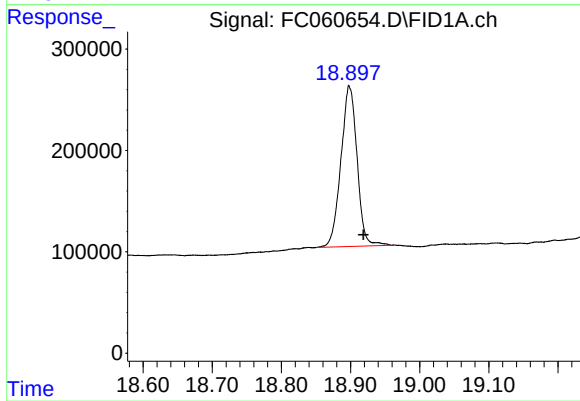
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.019 min
Response: 2718213
Conc: 18.70 ug/ml



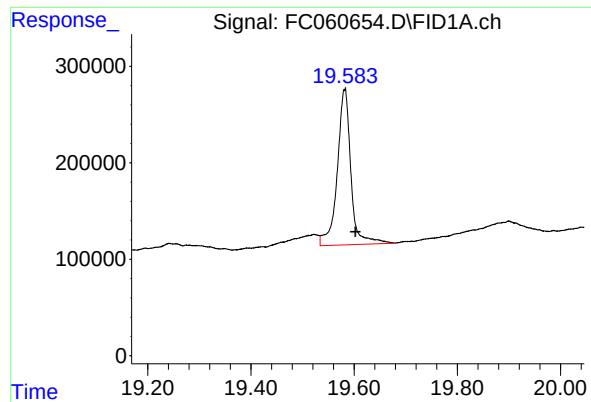
#19 n-Tetratriacontane (C34)

R.T.: 18.177 min
Delta R.T.: -0.020 min
Response: 2543257
Conc: 20.02 ug/ml



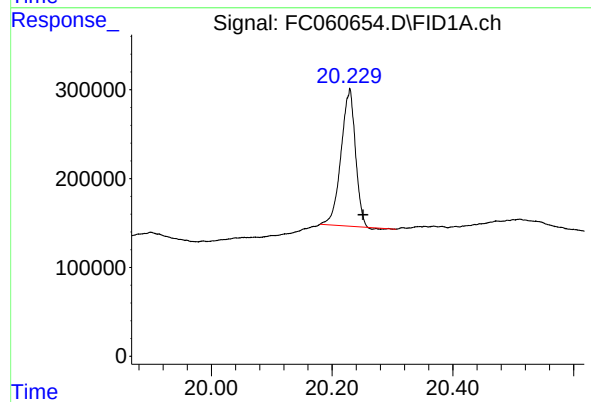
#20 n-Hexatriacontane (C36)

R.T.: 18.899 min
Delta R.T.: -0.020 min
Response: 2573159
Conc: 22.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.581 min
Delta R.T.: -0.021 min
Response: 2965287
Conc: 27.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.229 min
Delta R.T.: -0.023 min
Response: 2541621
Conc: 22.50 ug/ml