

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062422AL\
 Data File : FC060447.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2022 23:43
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 04:09:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:09:11 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)	10.658	17495627	94.047 ug/ml
Spiked Amount 50.000		Recovery =	188.09%
12) S 1-chlorooctadecane (S...	12.025	13884254	92.884 ug/ml
Spiked Amount 50.000		Recovery =	185.77%
Target Compounds			
1) T n-Nonane (C9)	2.623	15050750	95.889 ug/ml
2) T n-Decane (C10)	3.621	15075214	96.688 ug/ml
3) T A~Naphthalene (C11.7)	5.159	16969397	99.385 ug/ml
4) T n-Dodecane (C12)	5.577	15650565	95.589 ug/ml
5) T A~2-methylnaphthalene...	6.187	17315738	99.010 ug/ml
6) T n-Tetradecane (C14)	7.332	15860769	94.769 ug/ml
7) T n-Hexadecane (C16)	8.898	16068761	94.003 ug/ml
8) T n-Octadecane (C18)	10.310	16170027	92.965 ug/ml
10) T n-Eicosane (C20)	11.590	15949448	92.020 ug/ml
11) T n-Heneicosane (C21)	12.189	15911144	92.032 ug/ml
13) T n-Docosane (C22)	12.762	15828130	90.127 ug/ml
14) T n-Tetracosane (C24)	13.841	15510937	88.754 ug/ml
15) T n-Hexacosane (C26)	14.840	15024710	87.578 ug/ml
16) T n-Octacosane (C28)	15.768	14448797	85.801 ug/ml
17) T n-Tricontane (C30)	16.635	13687287	83.715 ug/ml
18) T n-Dotriacontane (C32)	17.447	12551016	82.152 ug/ml
19) T n-Tetratriacontane (C34)	18.212	11422685	85.708 ug/ml
20) T n-Hexatriacontane (C36)	18.933	10498294	89.103 ug/ml
21) T n-Octatriacontane (C38)	19.617	10193045	90.925 ug/ml
22) T n-Tetracontane (C40)	20.266	10368919	90.667 ug/ml

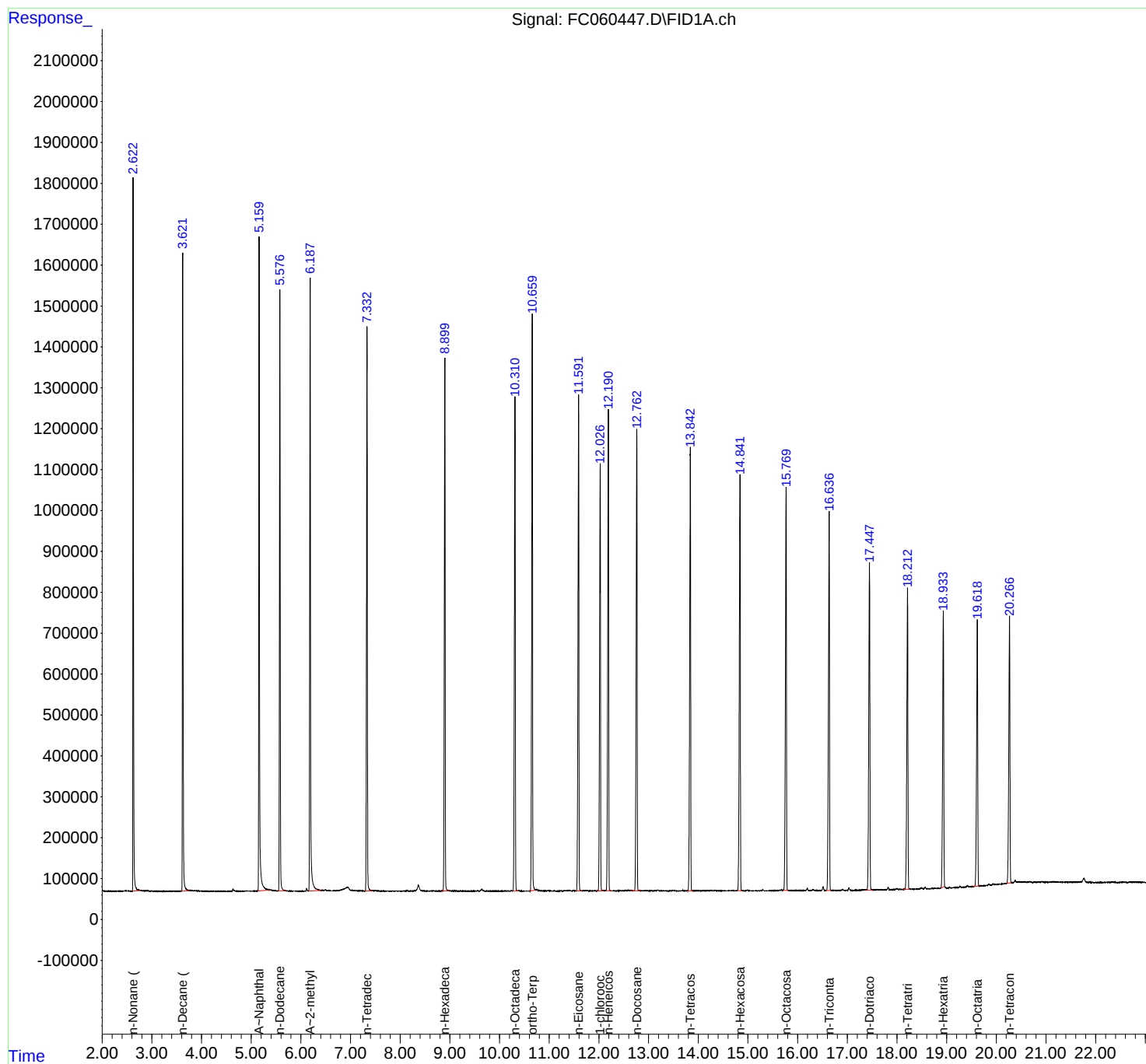
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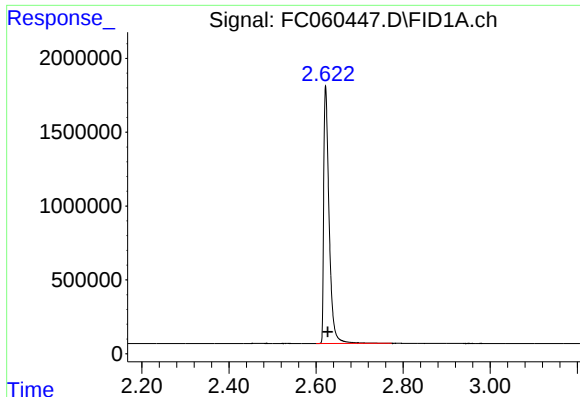
(m)=manual int.

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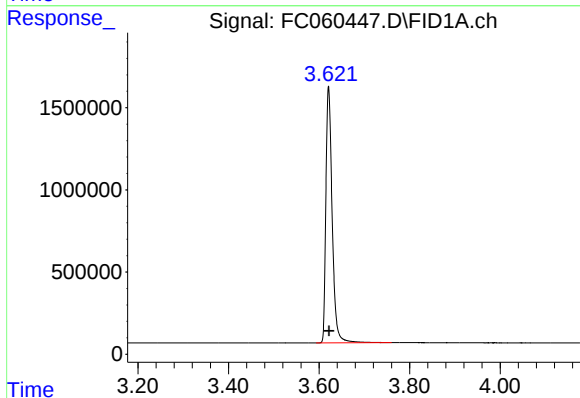
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





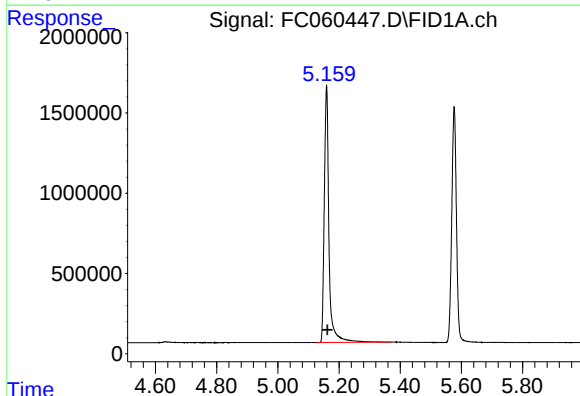
#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.004 min
Response: 15050750
Conc: 95.89 ug/ml



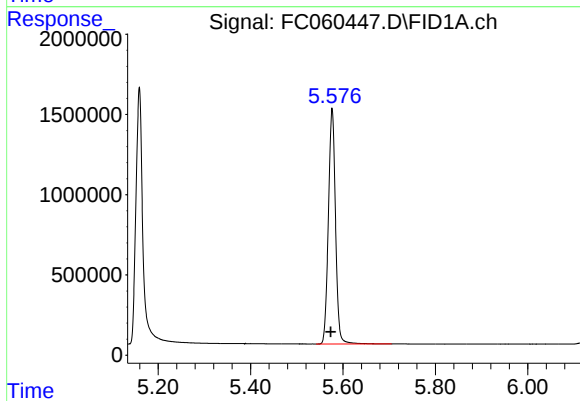
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 15075214
Conc: 96.69 ug/ml



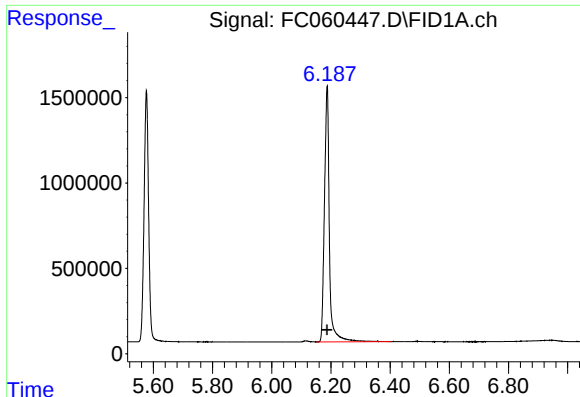
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 16969397
Conc: 99.39 ug/ml



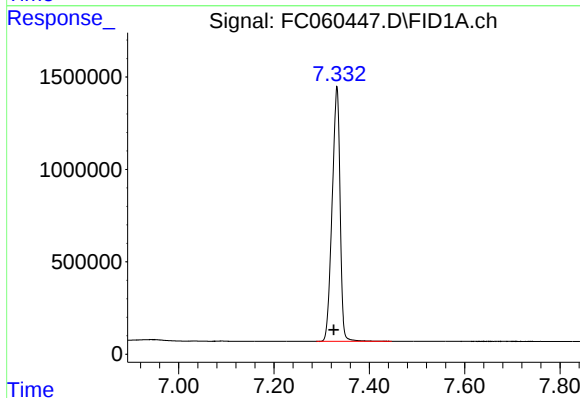
#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: 0.003 min
Response: 15650565
Conc: 95.59 ug/ml



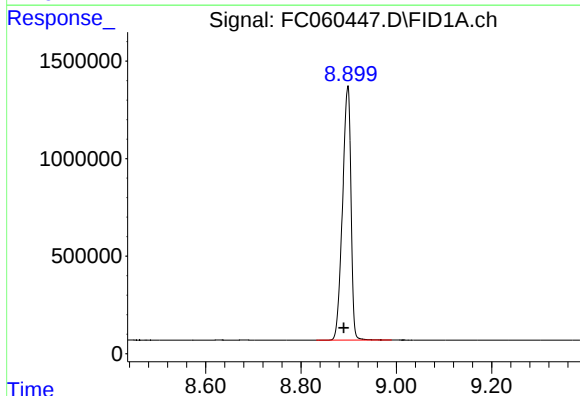
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 17315738
Conc: 99.01 ug/ml



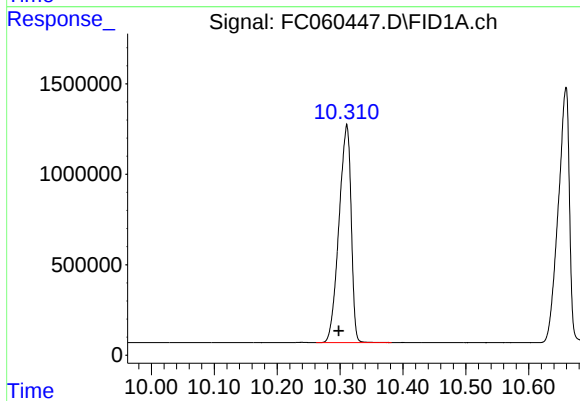
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: 0.006 min
Response: 15860769
Conc: 94.77 ug/ml



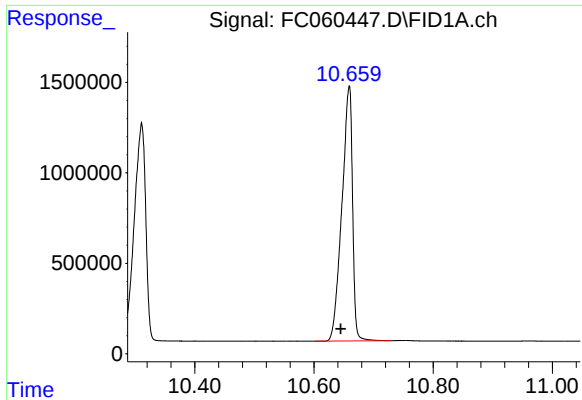
#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: 0.008 min
Response: 16068761
Conc: 94.00 ug/ml



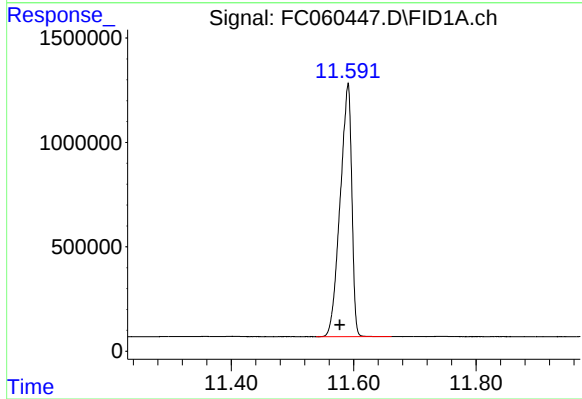
#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: 0.012 min
Response: 16170027
Conc: 92.96 ug/ml



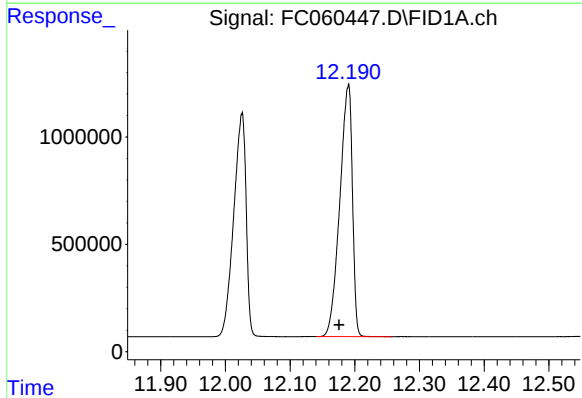
#9 ortho-Terphenyl (SURR)

R.T.: 10.658 min
Delta R.T.: 0.014 min
Response: 17495627
Conc: 94.05 ug/ml



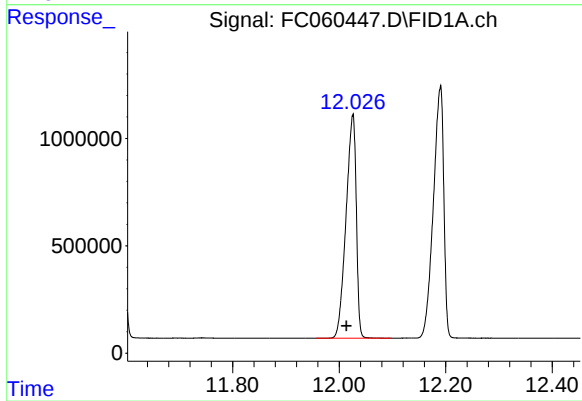
#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: 0.013 min
Response: 15949448
Conc: 92.02 ug/ml



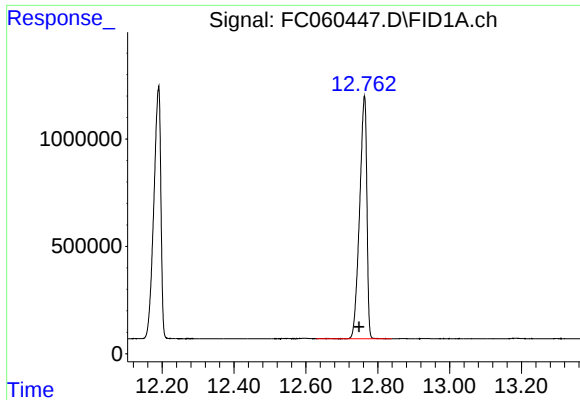
#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: 0.013 min
Response: 15911144
Conc: 92.03 ug/ml



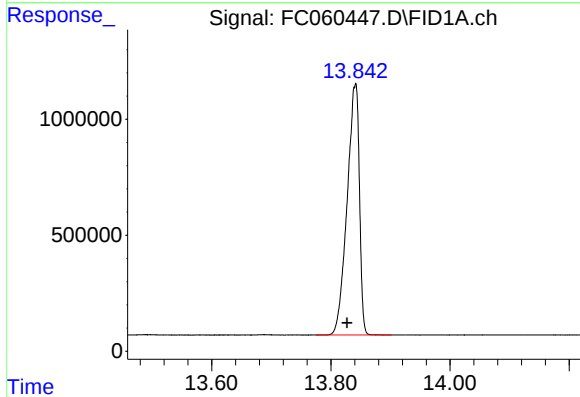
#12 1-chlorooctadecane (SURR)

R.T.: 12.025 min
Delta R.T.: 0.011 min
Response: 13884254
Conc: 92.88 ug/ml



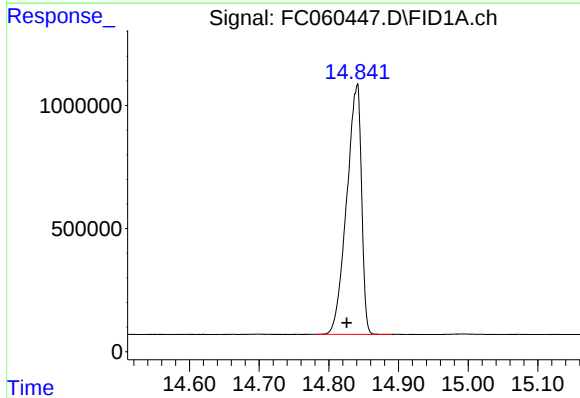
#13 n-Docosane (C22)

R.T.: 12.762 min
Delta R.T.: 0.014 min
Response: 15828130
Conc: 90.13 ug/ml



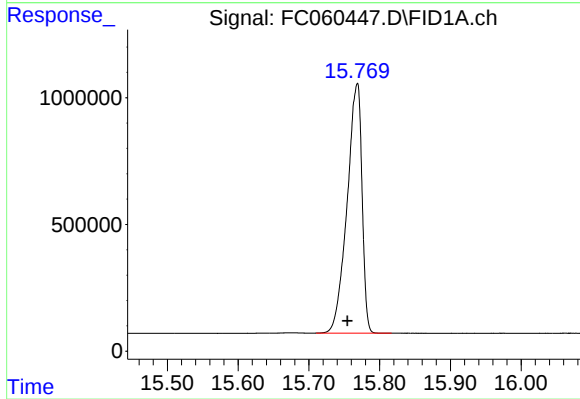
#14 n-Tetracosane (C24)

R.T.: 13.841 min
Delta R.T.: 0.013 min
Response: 15510937
Conc: 88.75 ug/ml



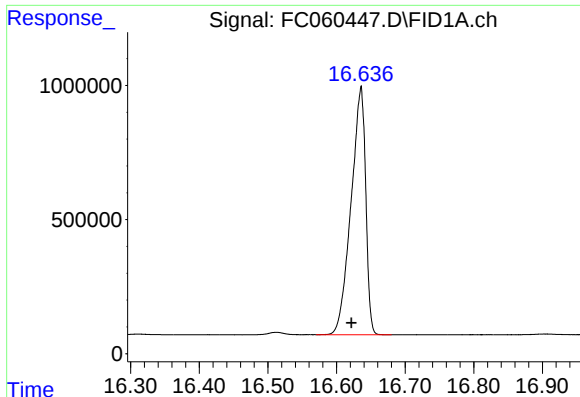
#15 n-Hexacosane (C26)

R.T.: 14.840 min
Delta R.T.: 0.014 min
Response: 15024710
Conc: 87.58 ug/ml



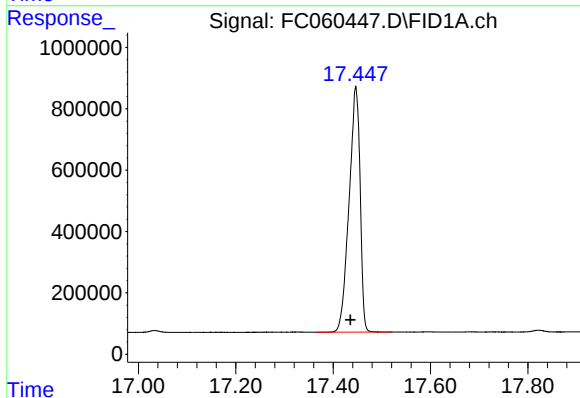
#16 n-Octacosane (C28)

R.T.: 15.768 min
Delta R.T.: 0.013 min
Response: 14448797
Conc: 85.80 ug/ml



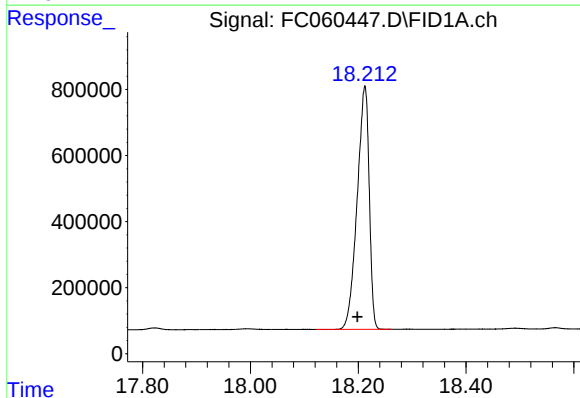
#17 n-Tricontane (C30)

R.T.: 16.635 min
Delta R.T.: 0.014 min
Response: 13687287
Conc: 83.71 ug/ml



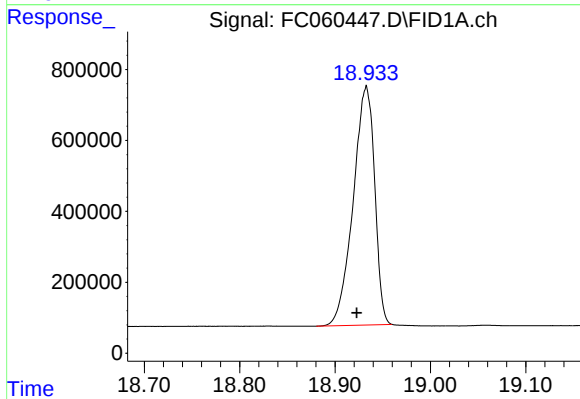
#18 n-Dotriacontane (C32)

R.T.: 17.447 min
Delta R.T.: 0.011 min
Response: 12551016
Conc: 82.15 ug/ml



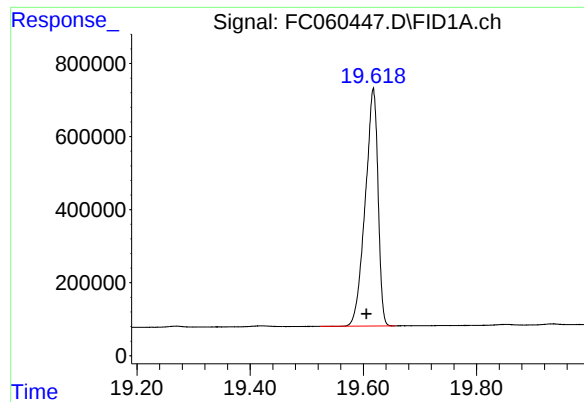
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: 0.013 min
Response: 11422685
Conc: 85.71 ug/ml



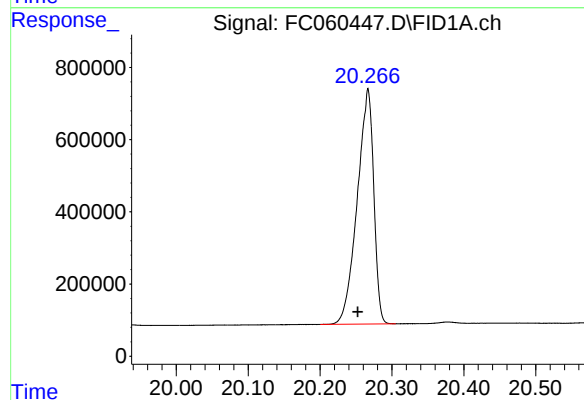
#20 n-Hexatriacontane (C36)

R.T.: 18.933 min
Delta R.T.: 0.010 min
Response: 10498294
Conc: 89.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.617 min
Delta R.T.: 0.012 min
Response: 10193045
Conc: 90.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.266 min
Delta R.T.: 0.014 min
Response: 10368919
Conc: 90.67 ug/ml