

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080822AL\
 Data File : FC061005.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2022 12:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 17:01:03 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)	10.635	3265019	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	11.999	2619200	19.730 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	2.627	3106435	22.057 ug/ml
2) T n-Decane (C10)	3.623	3131660	22.200 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3201149	22.520 ug/ml
4) T n-Dodecane (C12)	5.570	3265205	22.030 ug/ml
5) T A~2-methylnaphthalene...	6.188	3026926	22.070 ug/ml
6) T n-Tetradecane (C14)	7.318	3253342	21.670 ug/ml
7) T n-Hexadecane (C16)	8.879	3249423	21.233 ug/ml
8) T n-Octadecane (C18)	10.285	3238132	20.737 ug/ml
10) T n-Eicosane (C20)	11.562	3162786	20.154 ug/ml
11) T n-Heneicosane (C21)	12.160	3113905	19.901 ug/ml
13) T n-Docosane (C22)	12.731	3053549	19.584 ug/ml
14) T n-Tetracosane (C24)	13.807	2911600	19.071 ug/ml
15) T n-Hexacosane (C26)	14.803	2781037	18.631 ug/ml
16) T n-Octacosane (C28)	15.730	2657810	18.548 ug/ml
17) T n-Tricontane (C30)	16.597	2635510	18.825 ug/ml
18) T n-Dotriacontane (C32)	17.408	2645312	19.601 ug/ml
19) T n-Tetratriacontane (C34)	18.171	2610796	20.817 ug/ml
20) T n-Hexatriacontane (C36)	18.892	2711823	22.185 ug/ml
21) T n-Octatriacontane (C38)	19.573	2684996	22.749 ug/ml
22) T n-Tetracontane (C40)	20.222	2679089	23.277 ug/ml

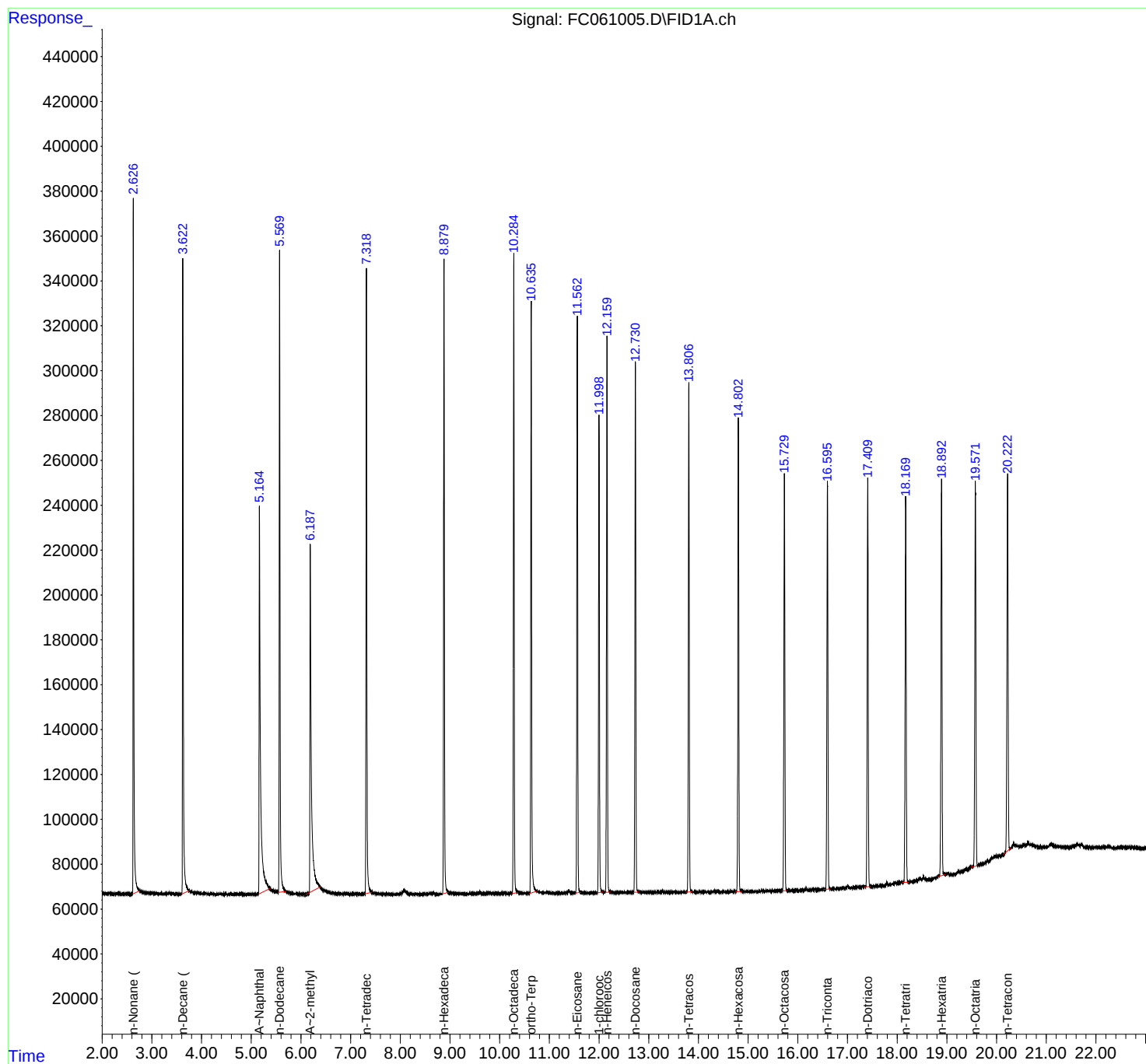
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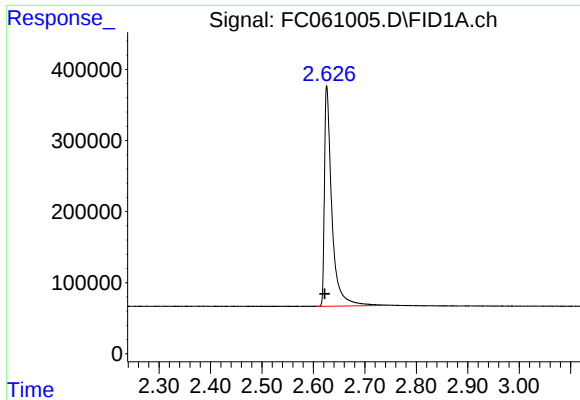
(m)=manual int.

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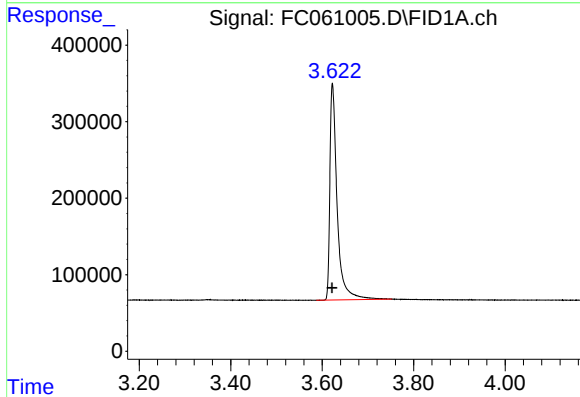
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Signal Info : 20M x 0.18mm x 0.18um





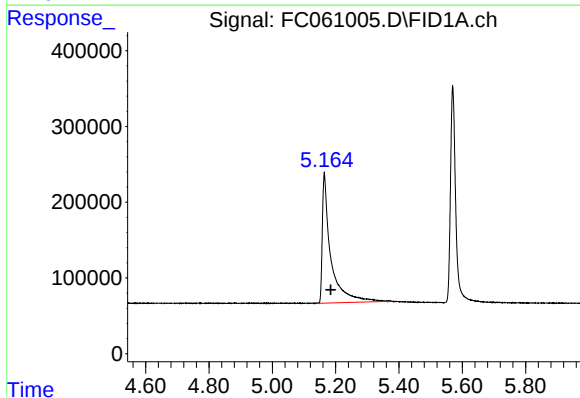
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: 0.005 min
Response: 3106435
Conc: 22.06 ug/ml



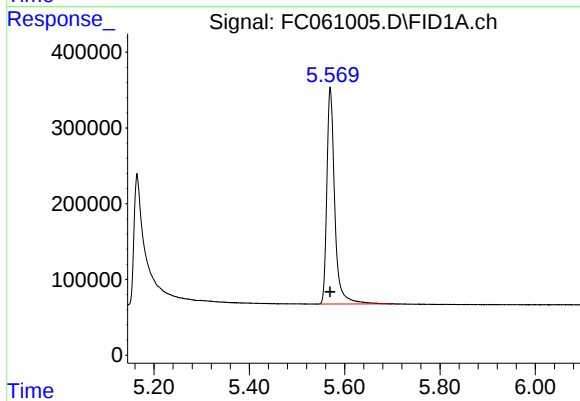
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: 0.002 min
Response: 3131660
Conc: 22.20 ug/ml



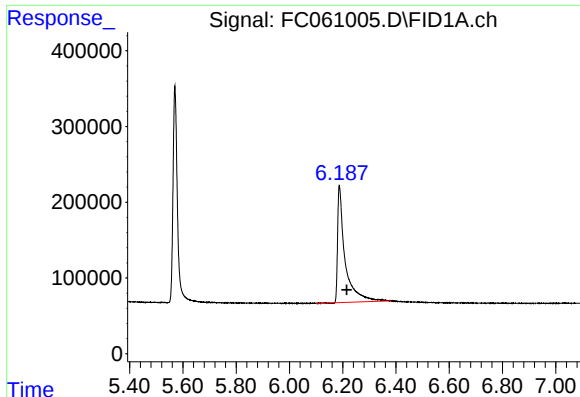
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.020 min
Response: 3201149
Conc: 22.52 ug/ml



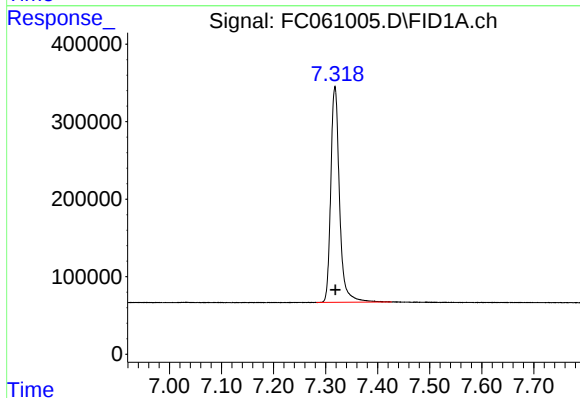
#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 3265205
Conc: 22.03 ug/ml



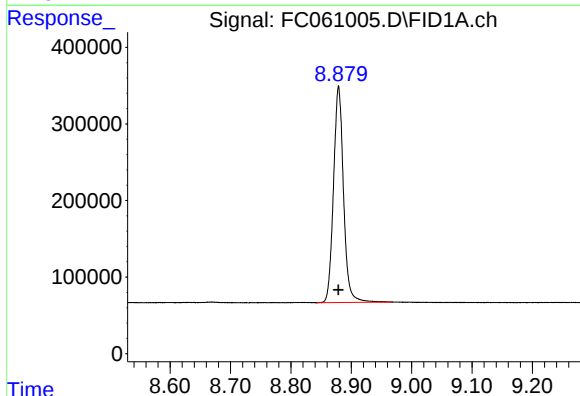
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.026 min
Response: 3026926
Conc: 22.07 ug/ml



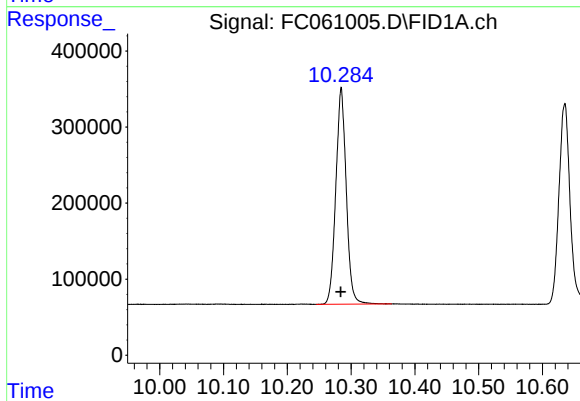
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 3253342
Conc: 21.67 ug/ml



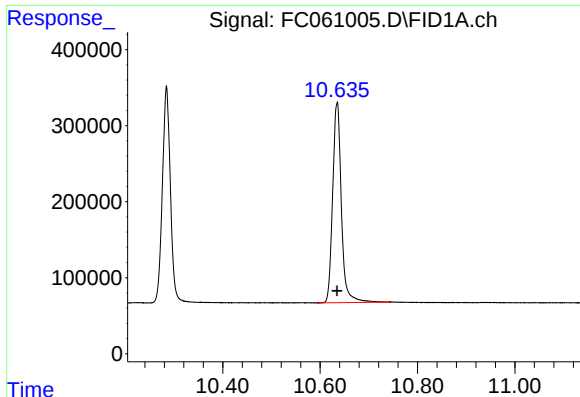
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 3249423
Conc: 21.23 ug/ml



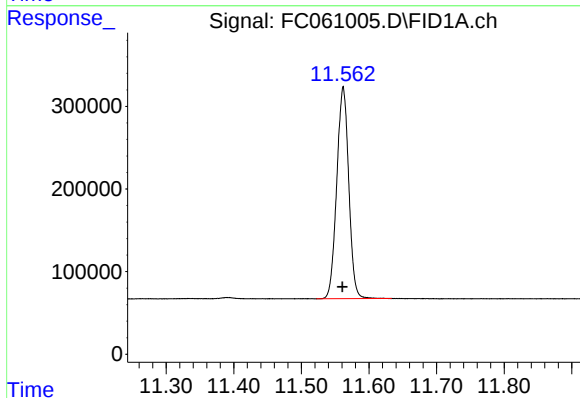
#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.000 min
Response: 3238132
Conc: 20.74 ug/ml



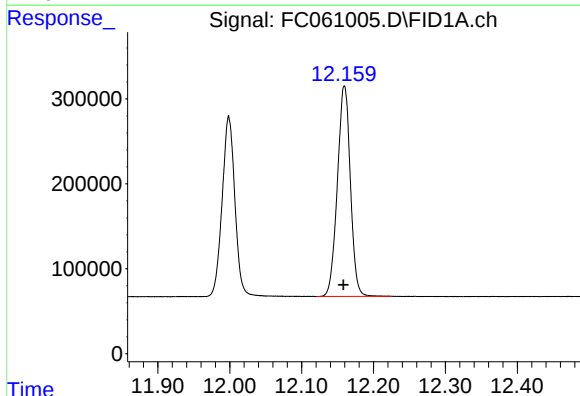
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.000 min
Response: 3265019
Conc: 19.90 ug/ml



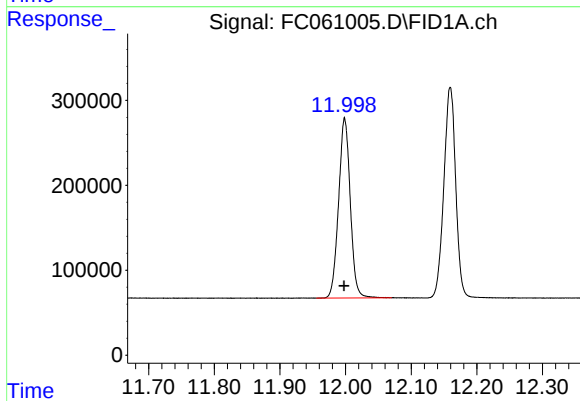
#10 n-Eicosane (C20)

R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 3162786
Conc: 20.15 ug/ml



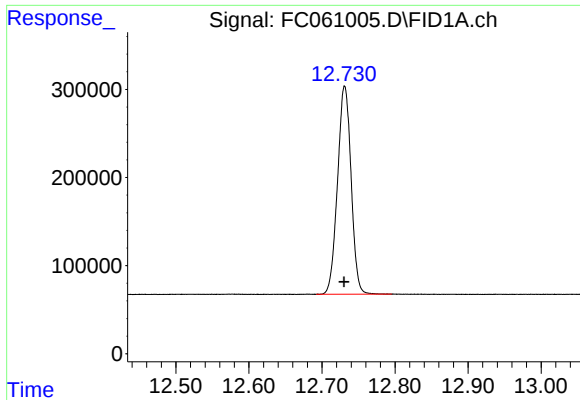
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: 0.002 min
Response: 3113905
Conc: 19.90 ug/ml



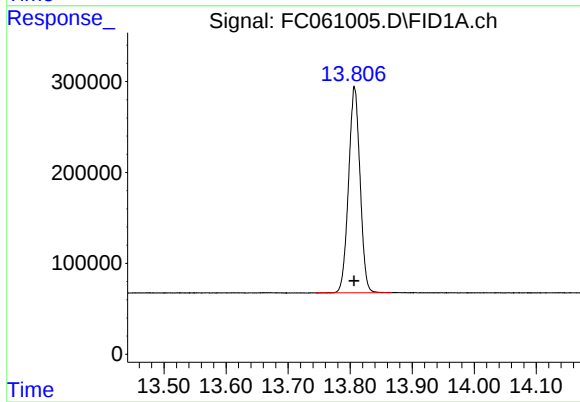
#12 1-chlorooctadecane (SURR)

R.T.: 11.999 min
Delta R.T.: 0.001 min
Response: 2619200
Conc: 19.73 ug/ml



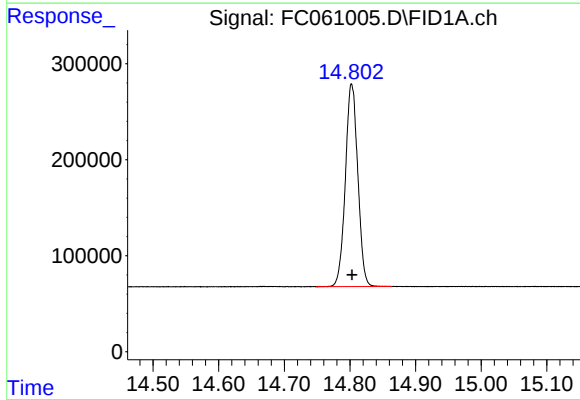
#13 n-Docosane (C22)

R.T.: 12.731 min
Delta R.T.: 0.001 min
Response: 3053549
Conc: 19.58 ug/ml



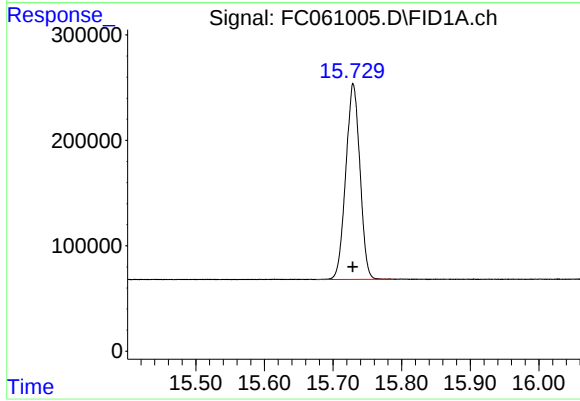
#14 n-Tetracosane (C24)

R.T.: 13.807 min
Delta R.T.: 0.000 min
Response: 2911600
Conc: 19.07 ug/ml



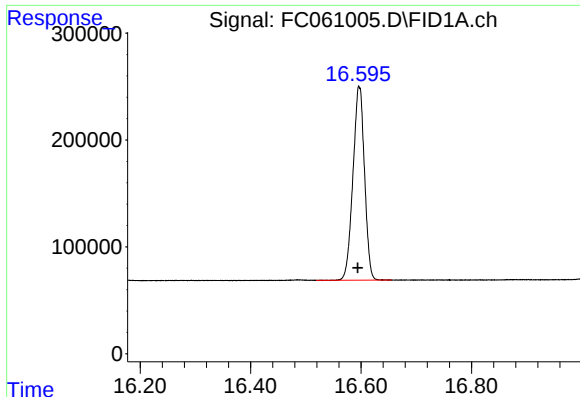
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 2781037
Conc: 18.63 ug/ml



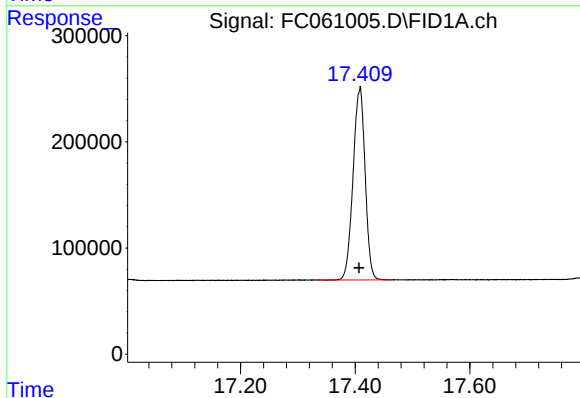
#16 n-Octacosane (C28)

R.T.: 15.730 min
Delta R.T.: 0.000 min
Response: 2657810
Conc: 18.55 ug/ml



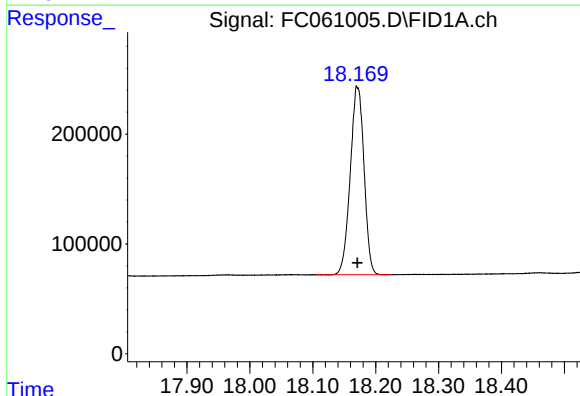
#17 n-Tricontane (C30)

R.T.: 16.597 min
Delta R.T.: 0.002 min
Response: 2635510
Conc: 18.82 ug/ml



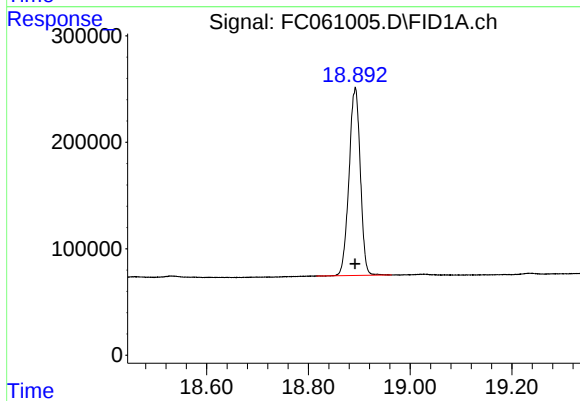
#18 n-Dotriacontane (C32)

R.T.: 17.408 min
Delta R.T.: 0.000 min
Response: 2645312
Conc: 19.60 ug/ml



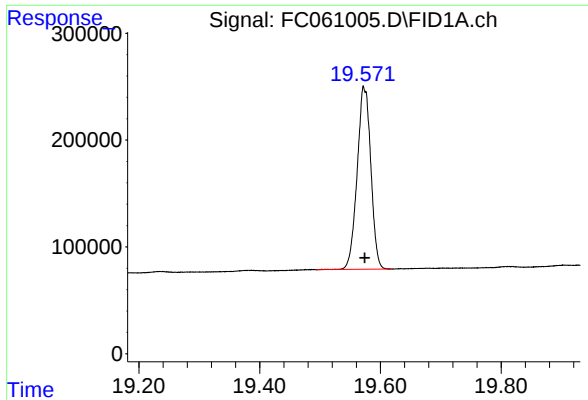
#19 n-Tetratriacontane (C34)

R.T.: 18.171 min
Delta R.T.: 0.000 min
Response: 2610796
Conc: 20.82 ug/ml



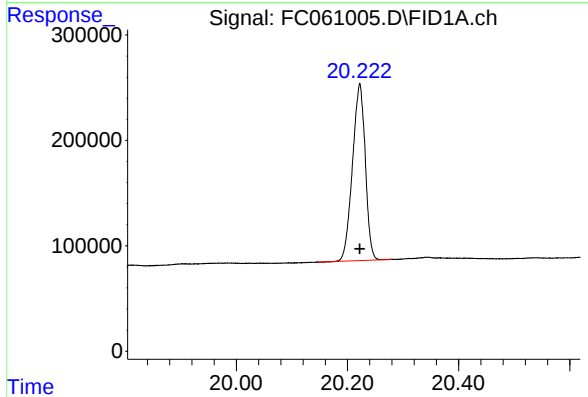
#20 n-Hexatriacontane (C36)

R.T.: 18.892 min
Delta R.T.: 0.000 min
Response: 2711823
Conc: 22.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.573 min
Delta R.T.: 0.000 min
Response: 2684996
Conc: 22.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 2679089
Conc: 23.28 ug/ml