

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122221AL\
 Data File : FC057656.D
 Signal(s) : FID1A.CH
 Acq On : 22 Dec 2021 20:15
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 02:01:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 01:59:38 2021
 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)	10.785	714783	4.573 ug/ml
Spiked Amount 50.000		Recovery =	9.15%
12) S 1-chlorooctadecane (S...	12.226	564296	4.528 ug/ml
Spiked Amount 50.000		Recovery =	9.06%
Target Compounds			
1) T n-Nonane (C9)	2.665	617472	4.508 ug/ml
2) T n-Decane (C10)	3.666	629597	4.530 ug/ml
3) T A~Naphthalene (C11.7)	5.217	708668	4.574 ug/ml
4) T n-Dodecane (C12)	5.651	638176	4.575 ug/ml
5) T A~2-methylnaphthalene...	6.263	702709	4.481 ug/ml
6) T n-Tetradecane (C14)	7.439	640371	4.543 ug/ml
7) T n-Hexadecane (C16)	9.038	643949	4.501 ug/ml
8) T n-Octadecane (C18)	10.477	668509	4.528 ug/ml
10) T n-Eicosane (C20)	11.785	666890	4.548 ug/ml
11) T n-Heneicosane (C21)	12.396	680613	4.585 ug/ml
13) T n-Docosane (C22)	12.981	672744	4.571 ug/ml
14) T n-Tetracosane (C24)	14.082	674688	4.576 ug/ml
15) T n-Hexacosane (C26)	15.102	645064	4.517 ug/ml
16) T n-Octacosane (C28)	16.052	637390	4.576 ug/ml
17) T n-Tricontane (C30)	16.939	696426	5.245 ug/ml
18) T n-Dotriacontane (C32)	17.773	826133	6.699 ug/ml
19) T n-Tetratriacontane (C34)	18.557	768002	6.493 ug/ml
20) T n-Hexatriacontane (C36)	19.296	703613	6.310 ug/ml
21) T n-Octatriacontane (C38)	20.014	633193	5.852 ug/ml
22) T n-Tetracontane (C40)	20.884	579559	5.293 ug/ml

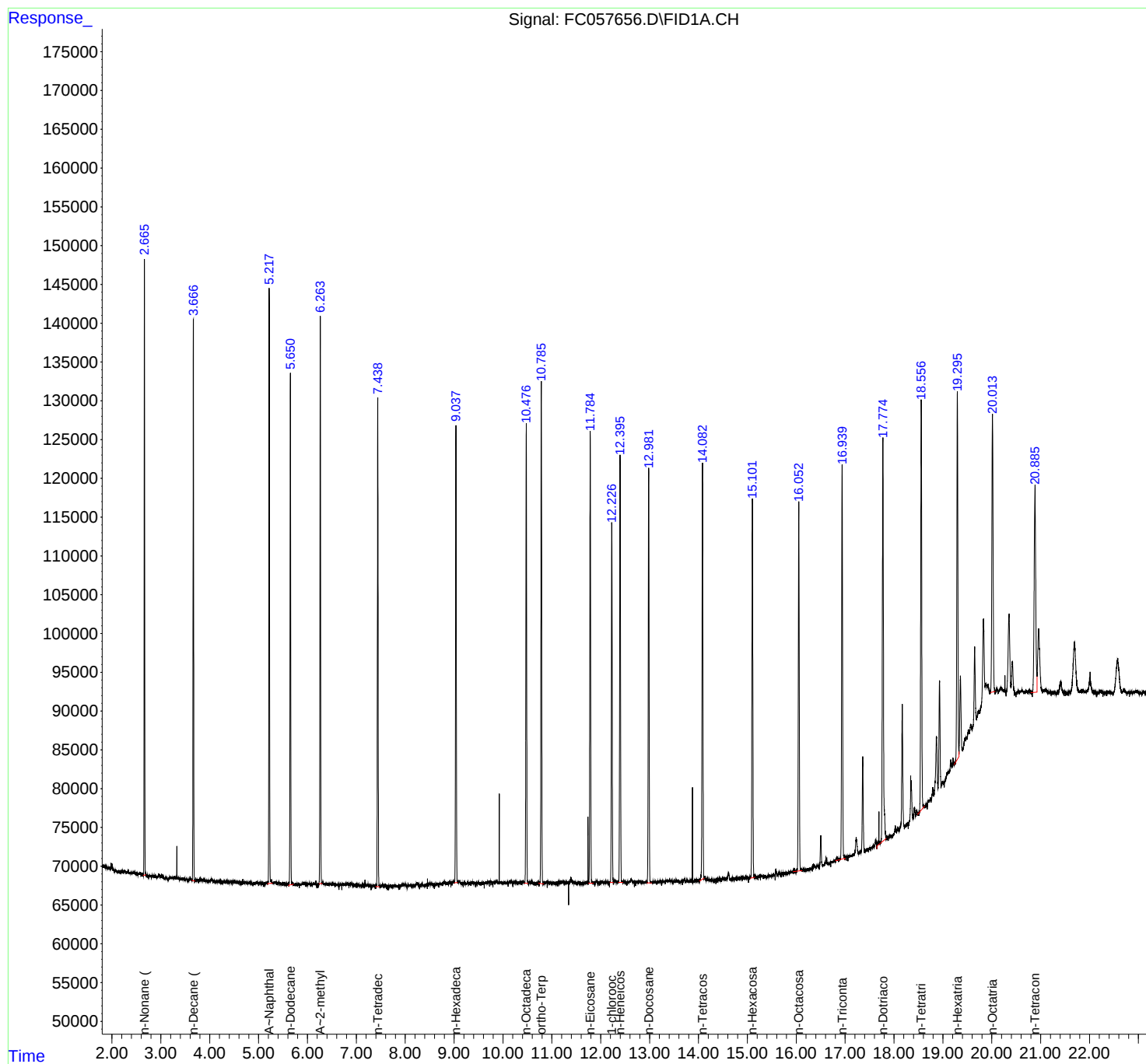
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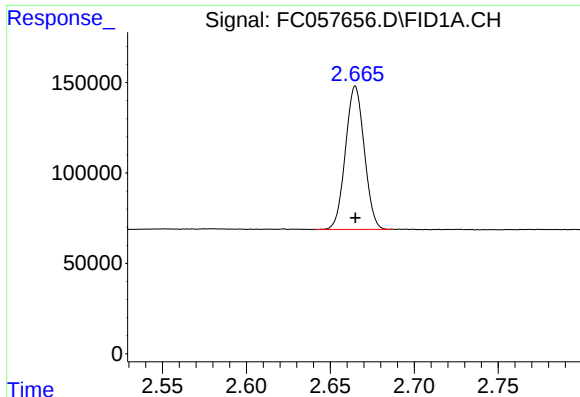
(m)=manual int.

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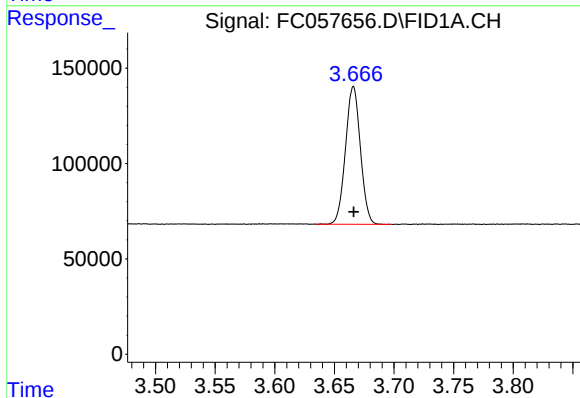
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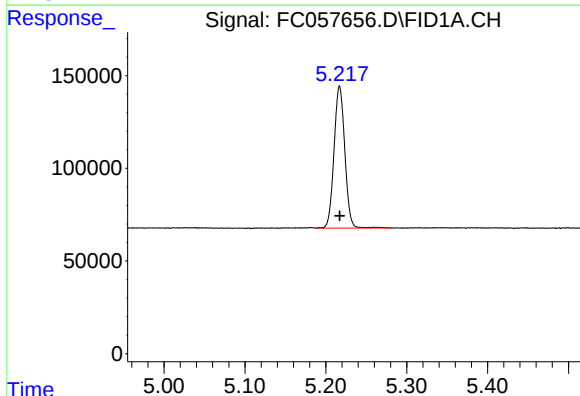
#1 n-Nonane (C9)

R.T.: 2.665 min
Delta R.T.: 0.000 min
Response: 617472
Conc: 4.51 ug/ml



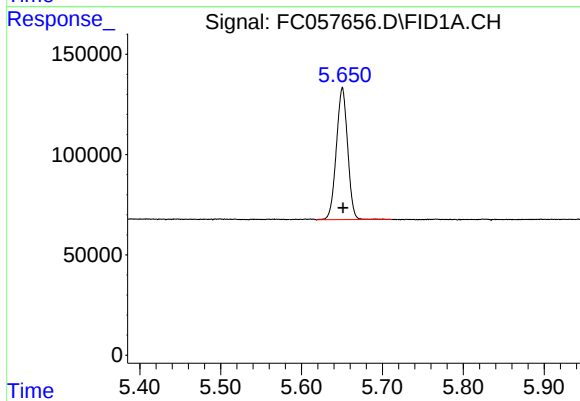
#2 n-Decane (C10)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 629597
Conc: 4.53 ug/ml



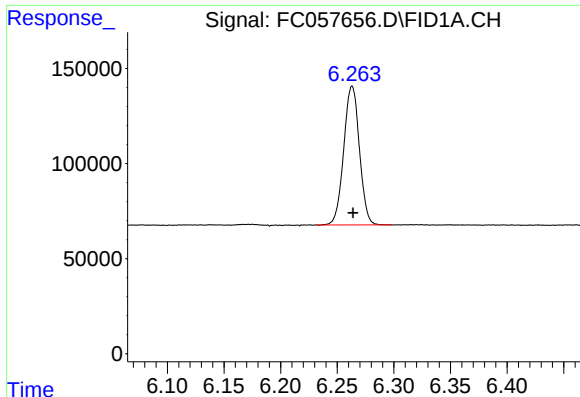
#3 A~Naphthalene (C11.7)

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 708668
Conc: 4.57 ug/ml



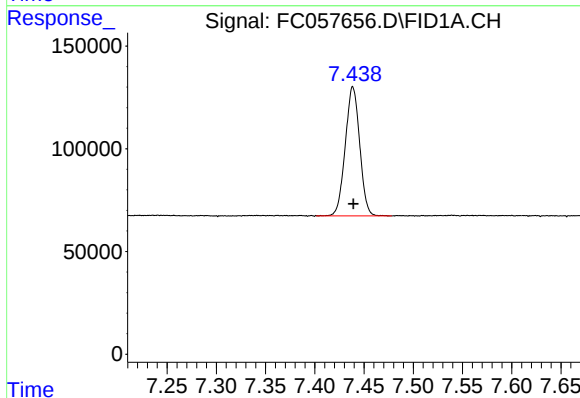
#4 n-Dodecane (C12)

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 638176
Conc: 4.57 ug/ml



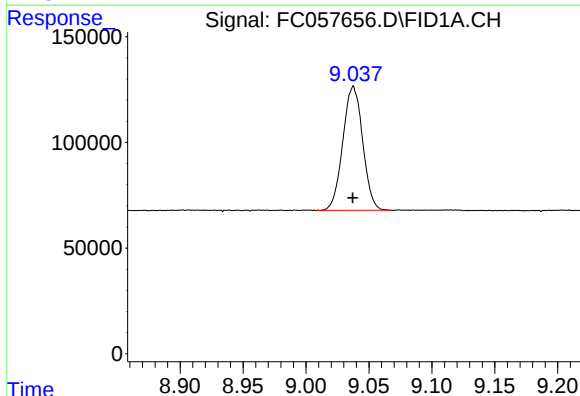
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 702709
Conc: 4.48 ug/ml



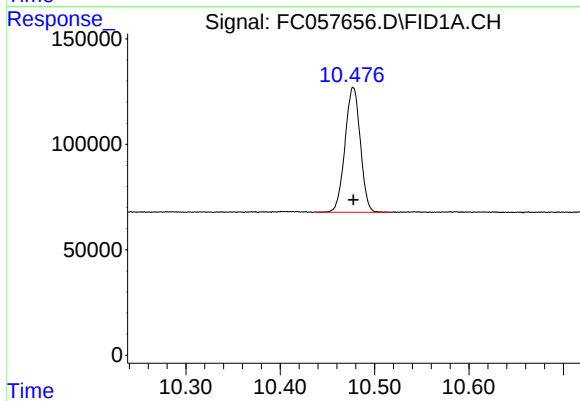
#6 n-Tetradecane (C14)

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 640371
Conc: 4.54 ug/ml



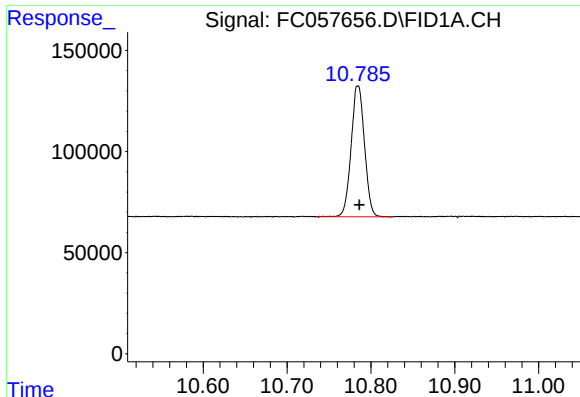
#7 n-Hexadecane (C16)

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 643949
Conc: 4.50 ug/ml



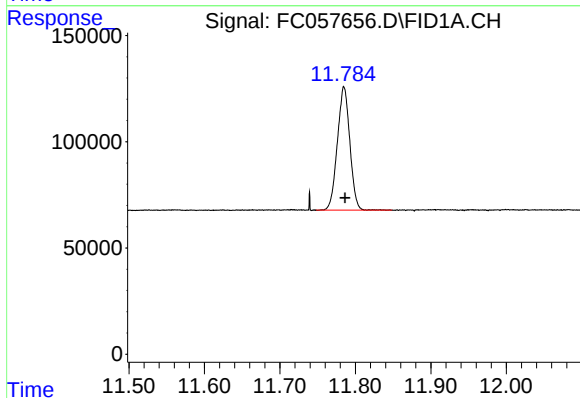
#8 n-Octadecane (C18)

R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 668509
Conc: 4.53 ug/ml



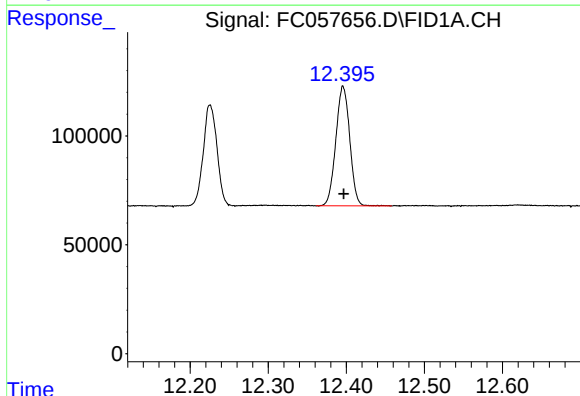
#9 ortho-Terphenyl (SURR)

R.T.: 10.785 min
Delta R.T.: -0.002 min
Response: 714783
Conc: 4.57 ug/ml



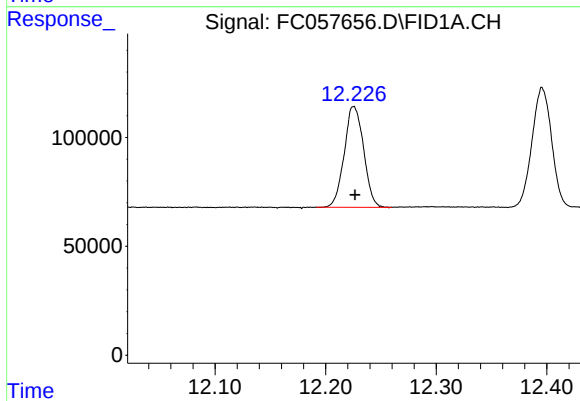
#10 n-Eicosane (C20)

R.T.: 11.785 min
Delta R.T.: -0.001 min
Response: 666890
Conc: 4.55 ug/ml



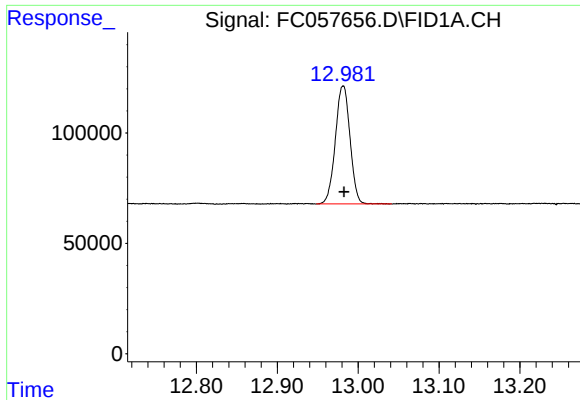
#11 n-Heneicosane (C21)

R.T.: 12.396 min
Delta R.T.: 0.000 min
Response: 680613
Conc: 4.58 ug/ml



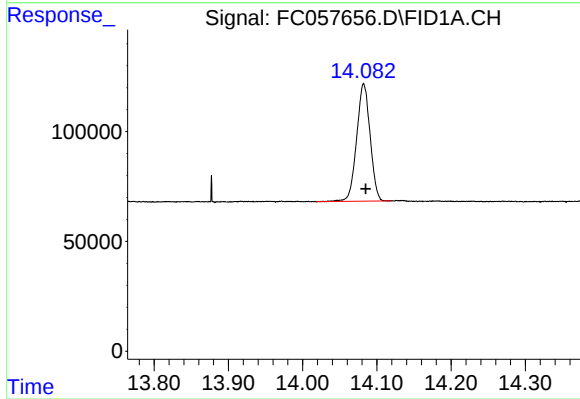
#12 1-chlorooctadecane (SURR)

R.T.: 12.226 min
Delta R.T.: 0.000 min
Response: 564296
Conc: 4.53 ug/ml



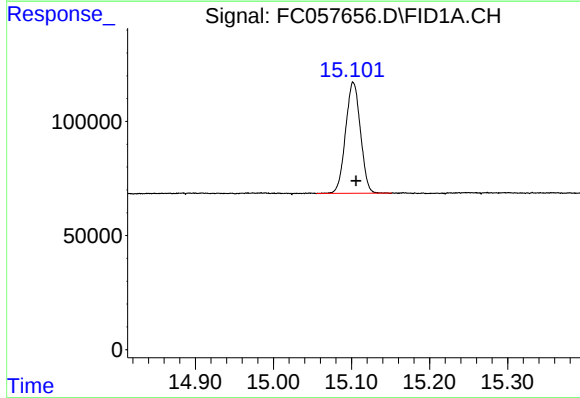
#13 n-Docosane (C22)

R.T.: 12.981 min
Delta R.T.: -0.001 min
Response: 672744
Conc: 4.57 ug/ml



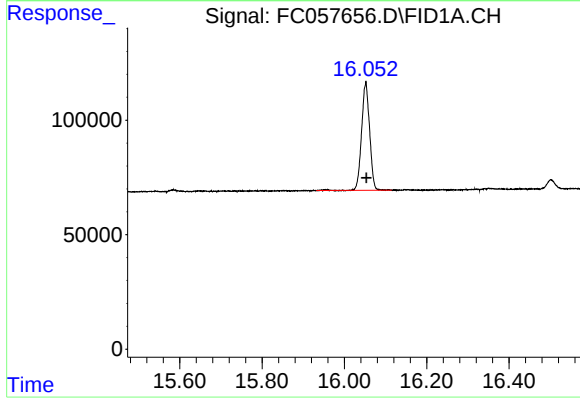
#14 n-Tetracosane (C24)

R.T.: 14.082 min
Delta R.T.: -0.003 min
Response: 674688
Conc: 4.58 ug/ml



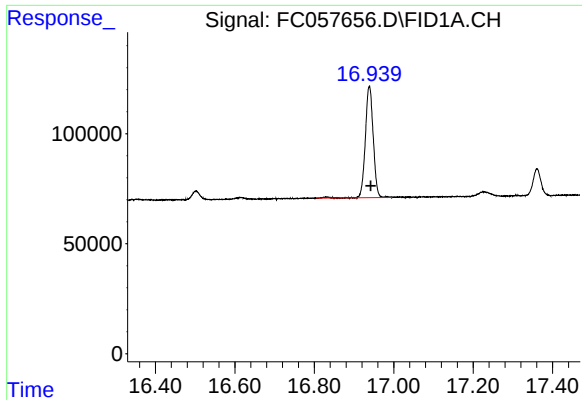
#15 n-Hexacosane (C26)

R.T.: 15.102 min
Delta R.T.: -0.003 min
Response: 645064
Conc: 4.52 ug/ml



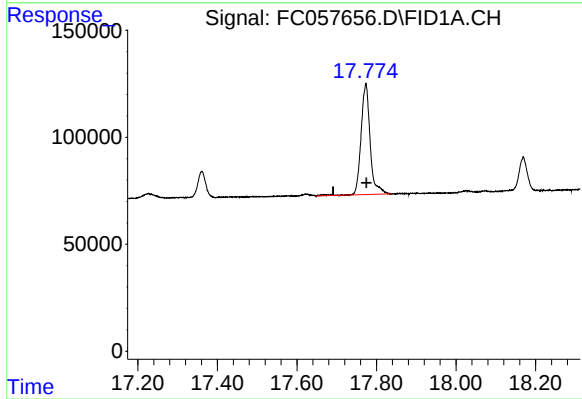
#16 n-Octacosane (C28)

R.T.: 16.052 min
Delta R.T.: -0.002 min
Response: 637390
Conc: 4.58 ug/ml



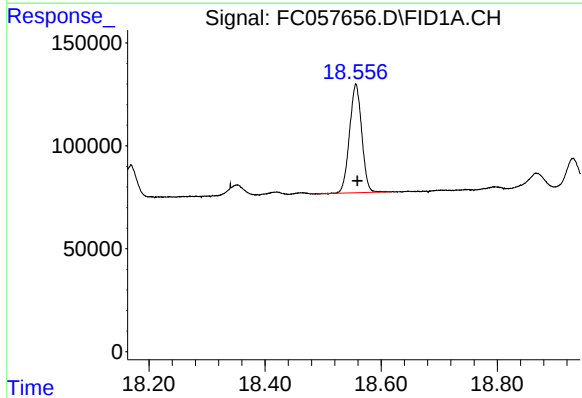
#17 n-Tricontane (C30)

R.T.: 16.939 min
Delta R.T.: -0.004 min
Response: 696426
Conc: 5.24 ug/ml



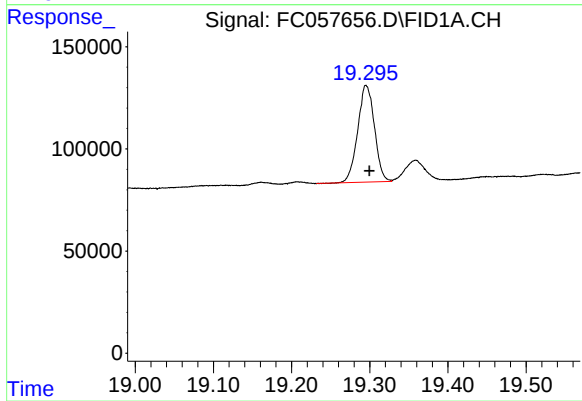
#18 n-Dotriacontane (C32)

R.T.: 17.773 min
Delta R.T.: -0.002 min
Response: 826133
Conc: 6.70 ug/ml



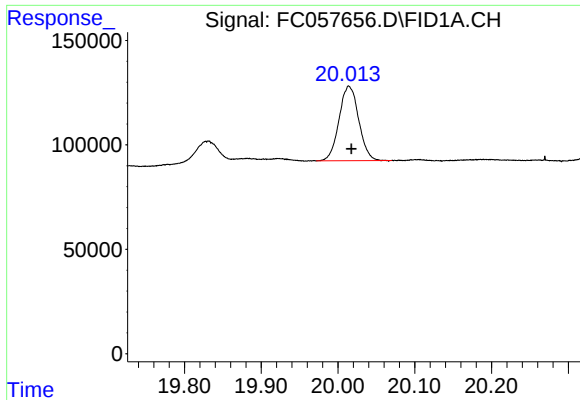
#19 n-Tetratriacontane (C34)

R.T.: 18.557 min
Delta R.T.: -0.002 min
Response: 768002
Conc: 6.49 ug/ml



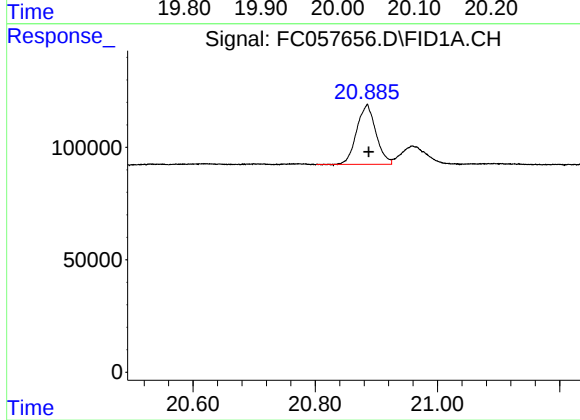
#20 n-Hexatriacontane (C36)

R.T.: 19.296 min
Delta R.T.: -0.004 min
Response: 703613
Conc: 6.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.014 min
Delta R.T.: -0.003 min
Response: 633193
Conc: 5.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.884 min
Delta R.T.: -0.003 min
Response: 579559
Conc: 5.29 ug/ml