

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065554.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 13:56
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:31:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:31:43 2024
 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)	11.490	1802329	9.922 ug/ml
Spiked Amount 50.000		Recovery =	19.84%
12) S 1-chlorooctadecane (S...	12.921	1315330	9.751 ug/ml
Spiked Amount 50.000		Recovery =	19.50%
Target Compounds			
1) T n-Nonane (C9)	3.286	1540131	9.796 ug/ml
2) T n-Decane (C10)	4.349	1551046	9.716 ug/ml
3) T A~Naphthalene (C11.7)	5.938	1554744	9.092 ug/ml
4) T n-Dodecane (C12)	6.362	1580025	9.773 ug/ml
5) T A~2-methylnaphthalene...	6.993	1407269	8.758 ug/ml
6) T n-Tetradecane (C14)	8.150	1541935	9.752 ug/ml
7) T n-Hexadecane (C16)	9.743	1563304	9.688 ug/ml
8) T n-Octadecane (C18)	11.177	1598957	9.759 ug/ml
10) T n-Eicosane (C20)	12.479	1558705	9.818 ug/ml
11) T n-Heneicosane (C21)	13.087	1534430	9.814 ug/ml
13) T n-Docosane (C22)	13.672	1522179	9.782 ug/ml
14) T n-Tetracosane (C24)	14.770	1518339	9.790 ug/ml
15) T n-Hexacosane (C26)	15.786	1501834	9.812 ug/ml
16) T n-Octacosane (C28)	16.730	1482599	9.869 ug/ml
17) T n-Tricontane (C30)	17.613	1511719	9.971 ug/ml
18) T n-Dotriacontane (C32)	18.440	1528204	10.232 ug/ml
19) T n-Tetratriacontane (C34)	19.220	1436687	10.057 ug/ml
20) T n-Hexatriacontane (C36)	19.956	1368268	9.953 ug/ml
21) T n-Octatriacontane (C38)	20.672	1403471	10.197 ug/ml
22) T n-Tetracontane (C40)	21.543	1414494	10.299 ug/ml

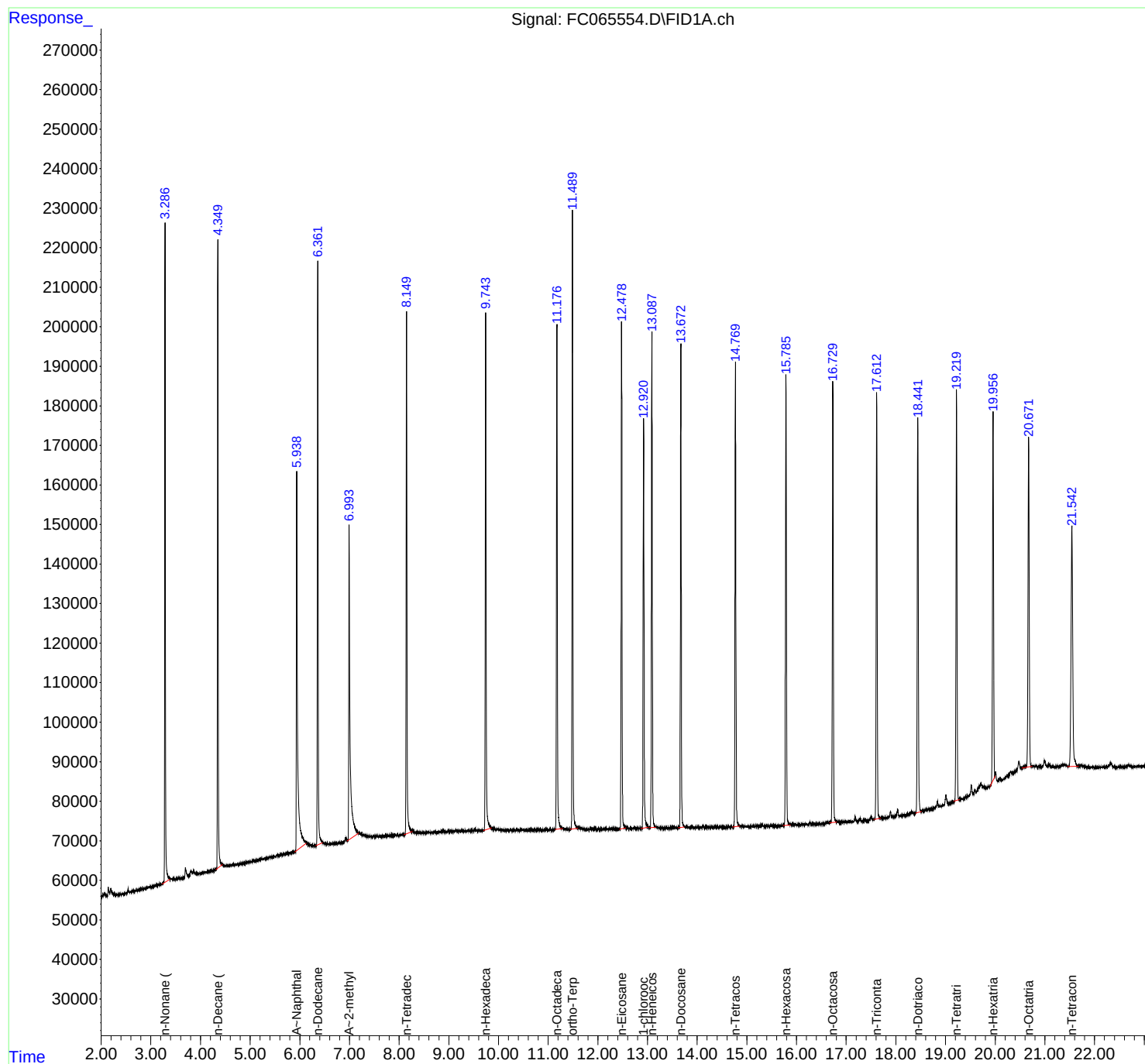
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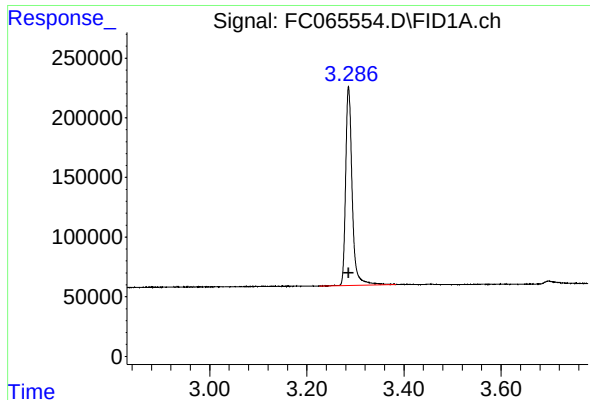
(m)=manual int.

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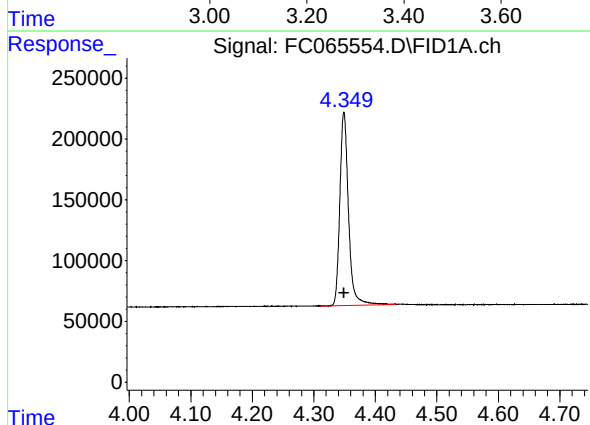
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





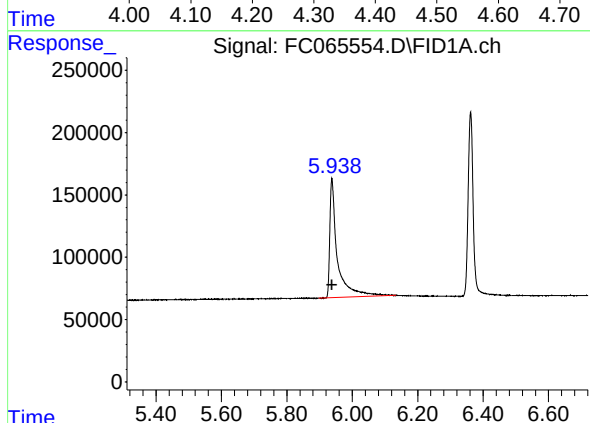
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 1540131
Conc: 9.80 ug/ml



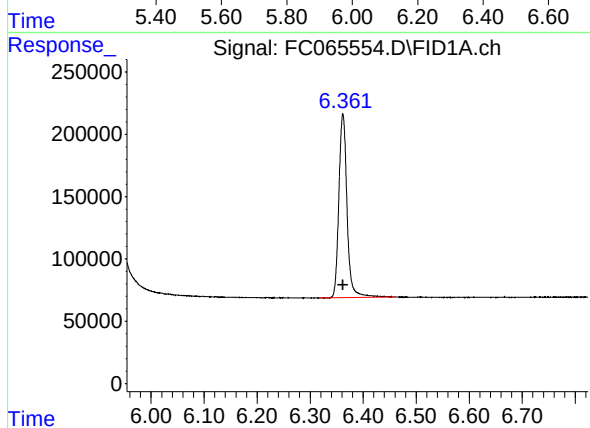
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1551046
Conc: 9.72 ug/ml



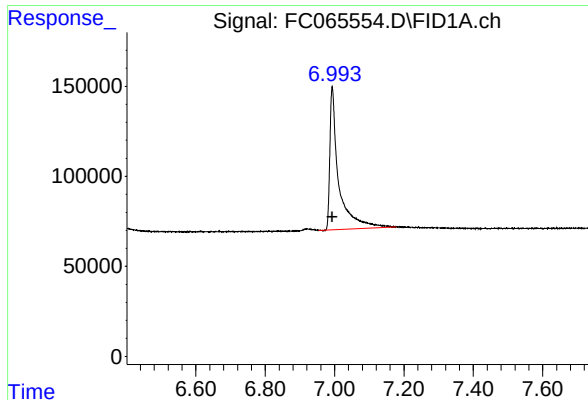
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 1554744
Conc: 9.09 ug/ml



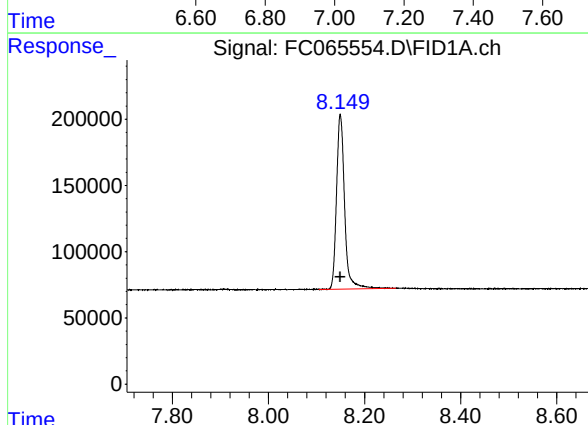
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 1580025
Conc: 9.77 ug/ml



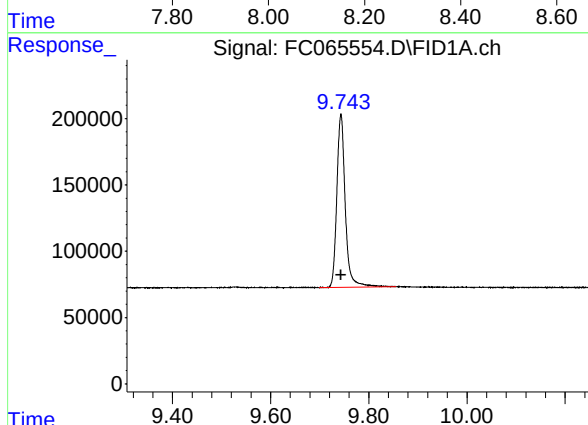
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 1407269
Conc: 8.76 ug/ml



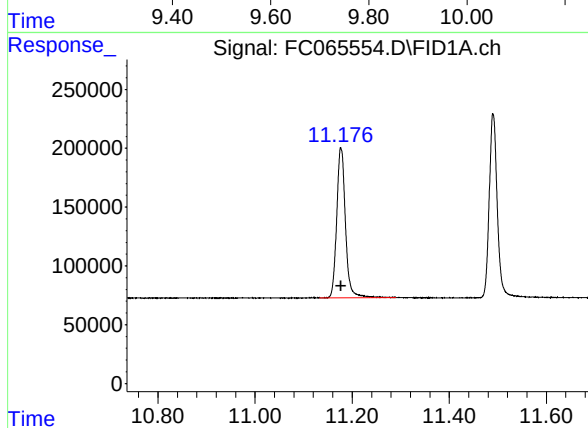
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 1541935
Conc: 9.75 ug/ml



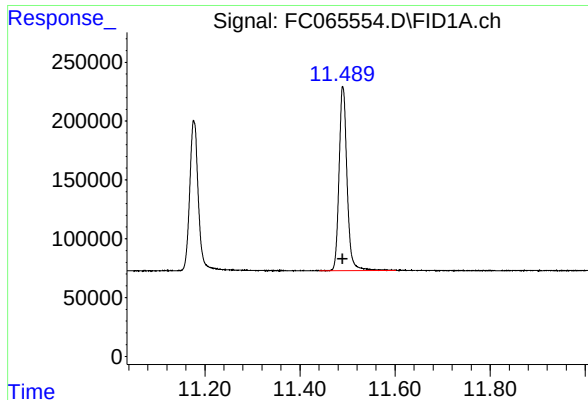
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 1563304
Conc: 9.69 ug/ml



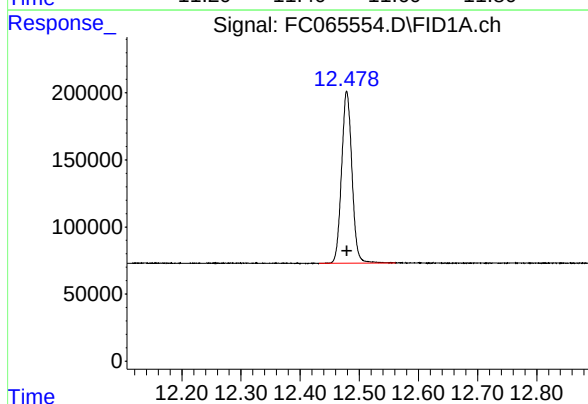
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 1598957
Conc: 9.76 ug/ml



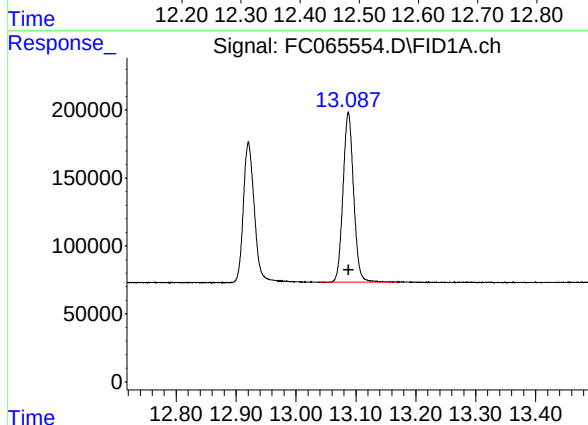
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: 0.000 min
Response: 1802329
Conc: 9.92 ug/ml



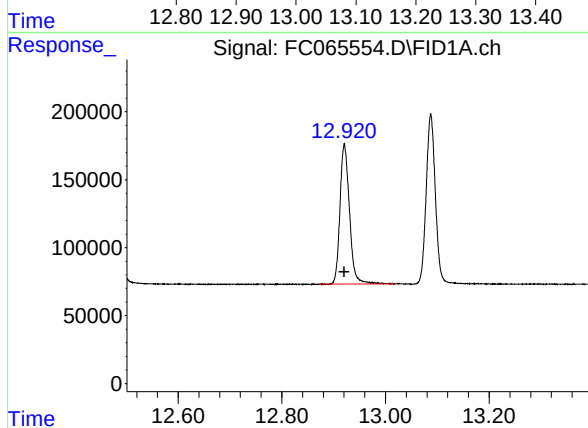
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: 0.000 min
Response: 1558705
Conc: 9.82 ug/ml



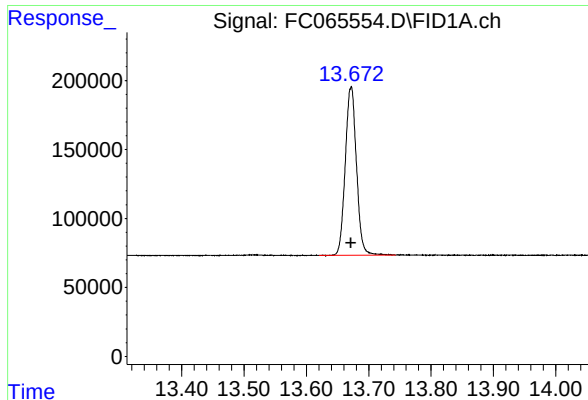
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 1534430
Conc: 9.81 ug/ml



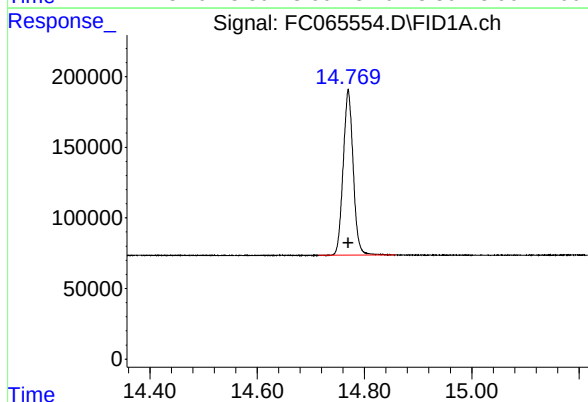
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: 0.000 min
Response: 1315330
Conc: 9.75 ug/ml



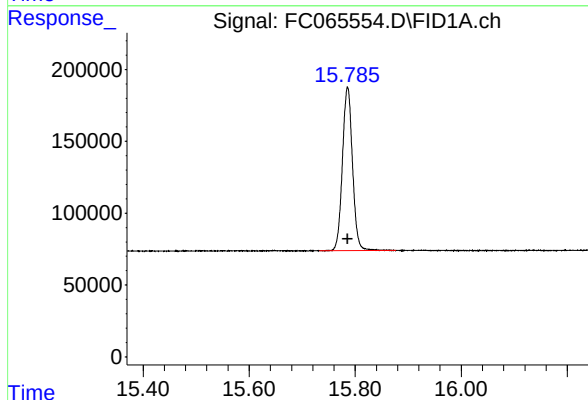
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 1522179
Conc: 9.78 ug/ml



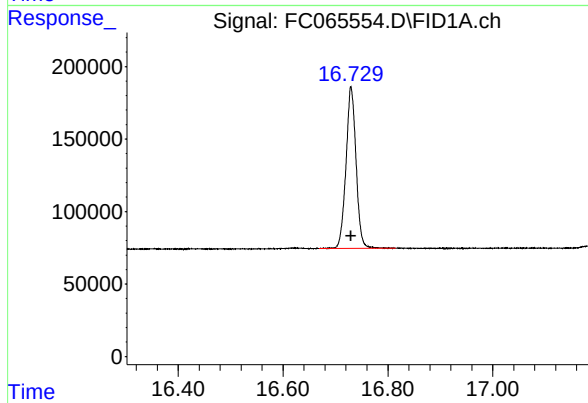
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.000 min
Response: 1518339
Conc: 9.79 ug/ml



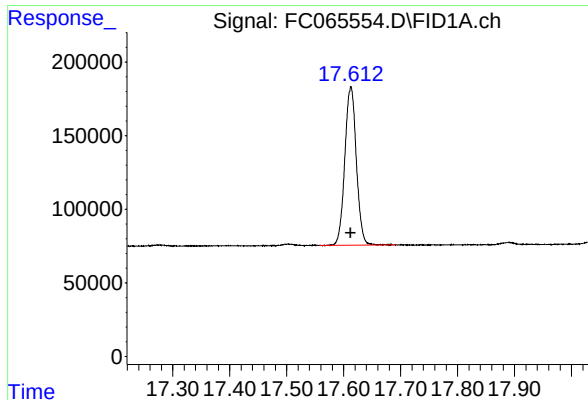
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.000 min
Response: 1501834
Conc: 9.81 ug/ml



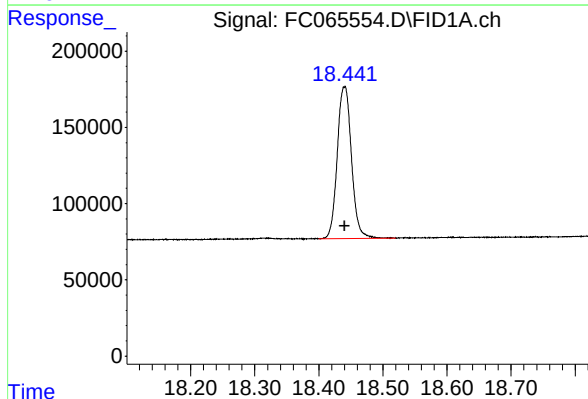
#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 1482599
Conc: 9.87 ug/ml



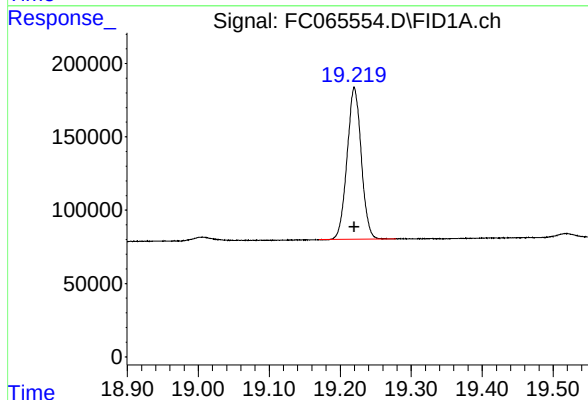
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.000 min
Response: 1511719
Conc: 9.97 ug/ml



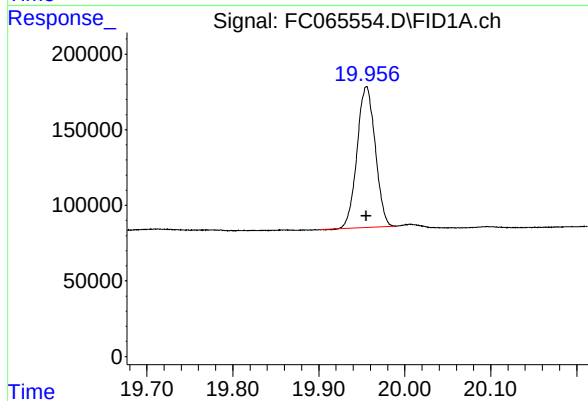
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.000 min
Response: 1528204
Conc: 10.23 ug/ml



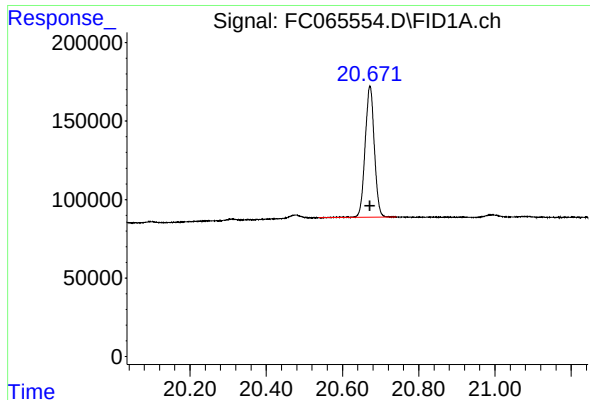
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.000 min
Response: 1436687
Conc: 10.06 ug/ml



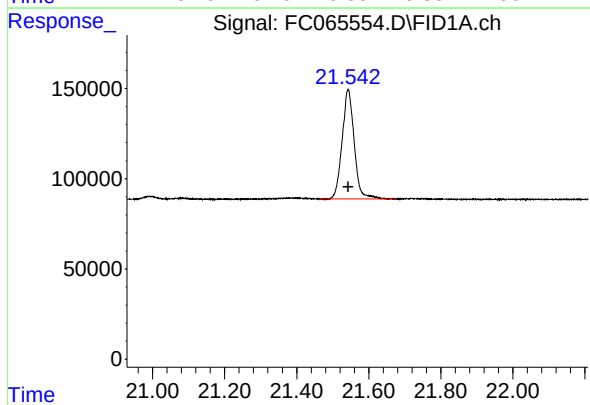
#20 n-Hexatriacontane (C36)

R.T.: 19.956 min
Delta R.T.: 0.000 min
Response: 1368268
Conc: 9.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.672 min
Delta R.T.: 0.000 min
Response: 1403471
Conc: 10.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: 0.000 min
Response: 1414494
Conc: 10.30 ug/ml