

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092021AL\
 Data File : FC055707.D
 Signal(s) : FID1A.CH
 Acq On : 20 Sep 2021 16:47
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 02:37:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 02:36:07 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)	11.650	1274109	10.152 ug/ml
Spiked Amount 50.000		Recovery =	20.30%
12) S 1-chlorooctadecane (S...	13.082	996931	10.109 ug/ml
Spiked Amount 50.000		Recovery =	20.22%
Target Compounds			
1) T n-Nonane (C9)	3.397	1123735	10.203 ug/ml
2) T n-Decane (C10)	4.467	1128714	10.155 ug/ml
3) T A~Naphthalene (C11.7)	6.060	1267043	10.169 ug/ml
4) T n-Dodecane (C12)	6.488	1130261	10.158 ug/ml
5) T A~2-methylnaphthalene...	7.118	1280616	10.208 ug/ml
6) T n-Tetradecane (C14)	8.284	1142859	10.150 ug/ml
7) T n-Hexadecane (C16)	9.886	1154311	10.163 ug/ml
8) T n-Octadecane (C18)	11.328	1193552	10.128 ug/ml
10) T n-Eicosane (C20)	12.637	1196089	10.183 ug/ml
11) T n-Heneicosane (C21)	13.249	1208400	10.179 ug/ml
13) T n-Docosane (C22)	13.835	1201573	10.200 ug/ml
14) T n-Tetracosane (C24)	14.937	1201706	10.232 ug/ml
15) T n-Hexacosane (C26)	15.956	1154485	10.264 ug/ml
16) T n-Octacosane (C28)	16.905	1099273	10.229 ug/ml
17) T n-Tricontane (C30)	17.788	1015702	10.161 ug/mlm
18) T n-Dotriacontane (C32)	18.620	905780	10.054 ug/ml
19) T n-Tetratriacontane (C34)	19.403	846641	9.941 ug/ml
20) T n-Hexatriacontane (C36)	20.139	922795	11.702 ug/mlm
21) T n-Octatriacontane (C38)	20.883	770056	10.207 ug/ml
22) T n-Tetracontane (C40)	21.810	704851	10.172 ug/mlm

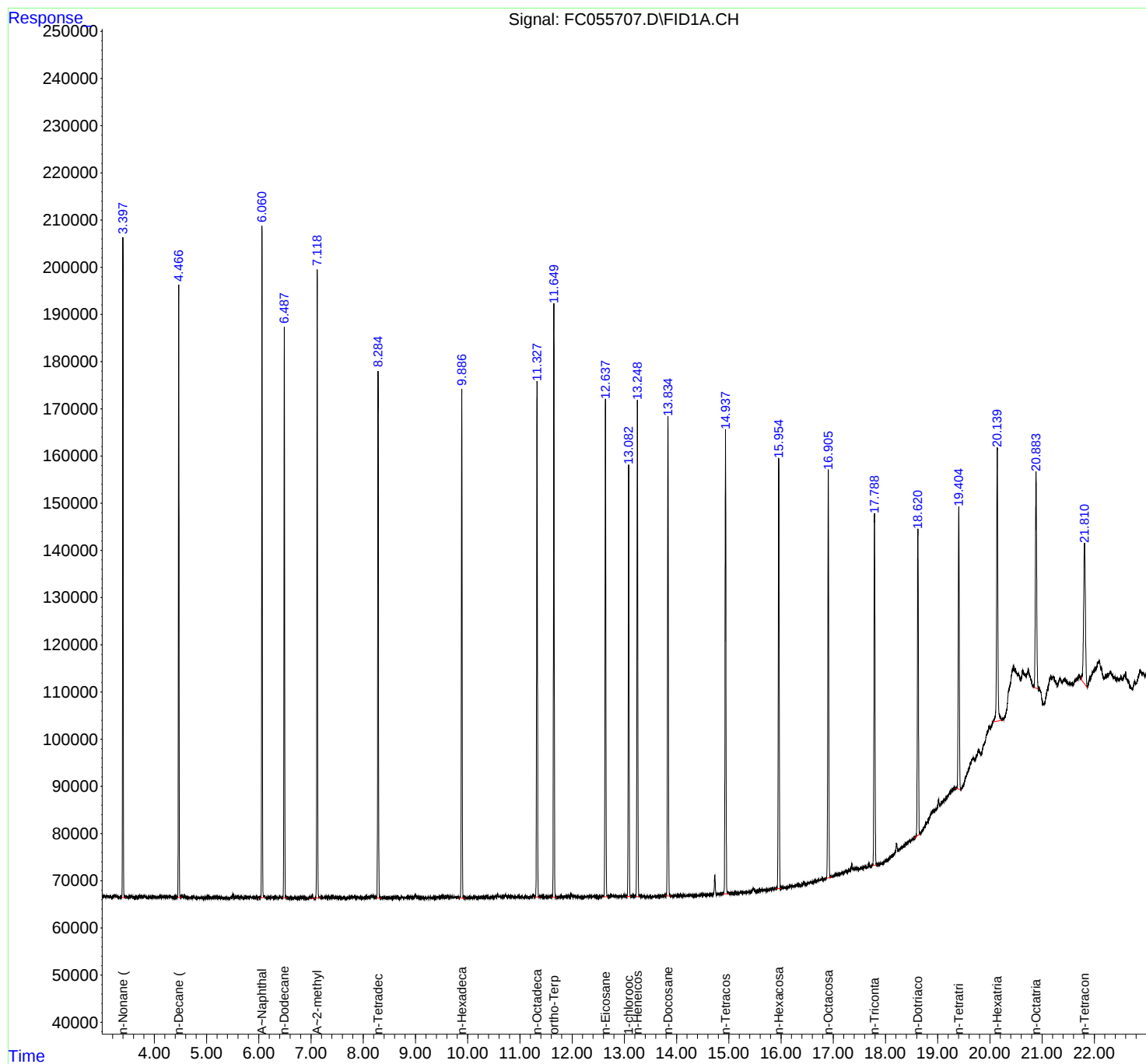
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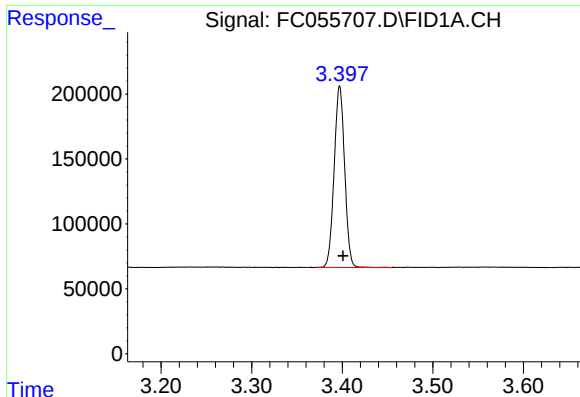
(m)=manual int.

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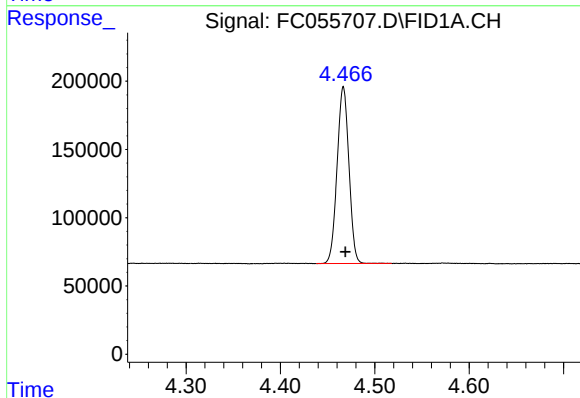
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Signal Info : 20M x 0.18mm x 0.18um





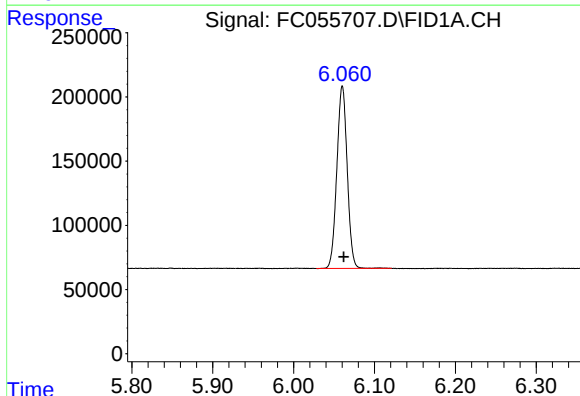
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.004 min
Response: 1123735
Conc: 10.20 ug/ml



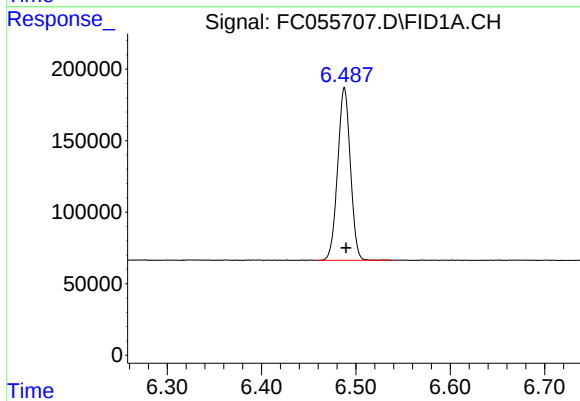
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.002 min
Response: 1128714
Conc: 10.15 ug/ml



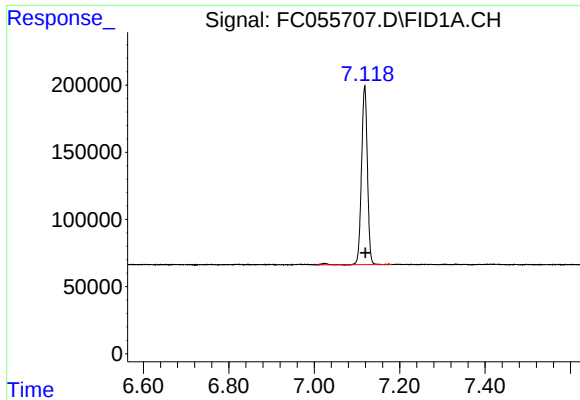
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 1267043
Conc: 10.17 ug/ml



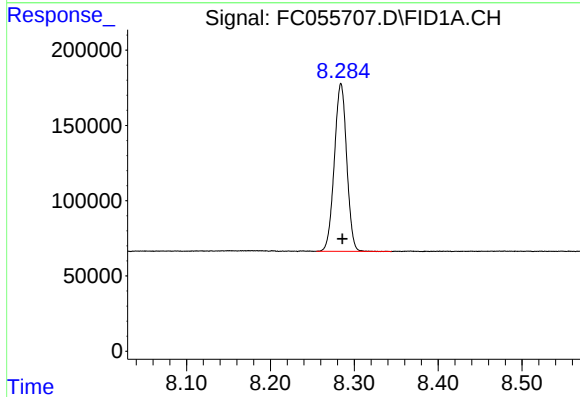
#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: -0.002 min
Response: 1130261
Conc: 10.16 ug/ml



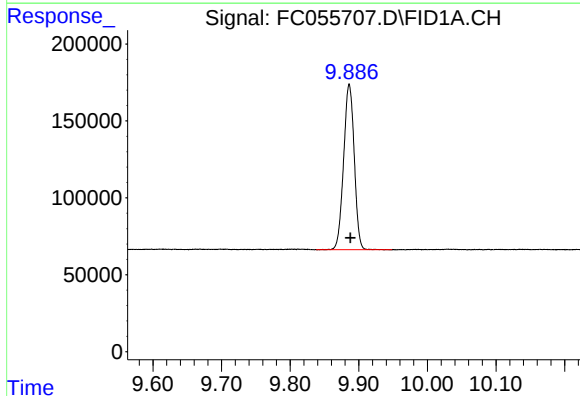
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 1280616
Conc: 10.21 ug/ml



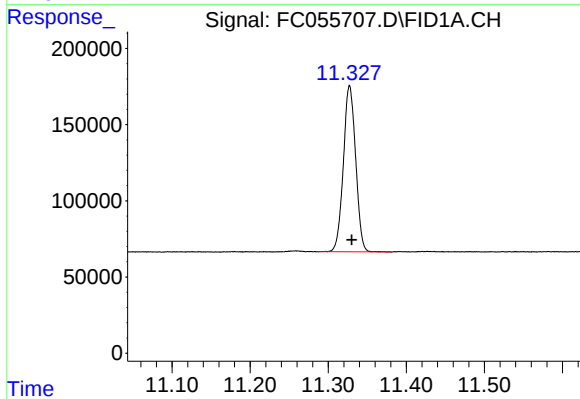
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 1142859
Conc: 10.15 ug/ml



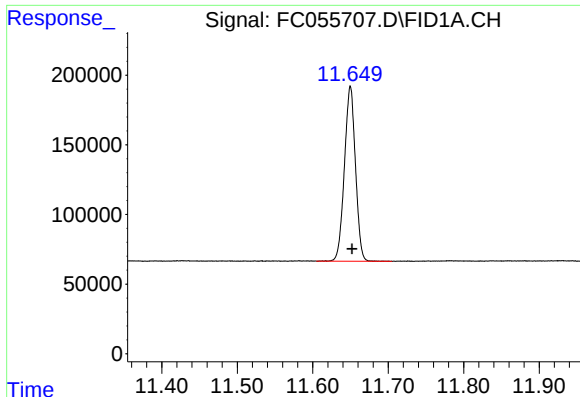
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.002 min
Response: 1154311
Conc: 10.16 ug/ml



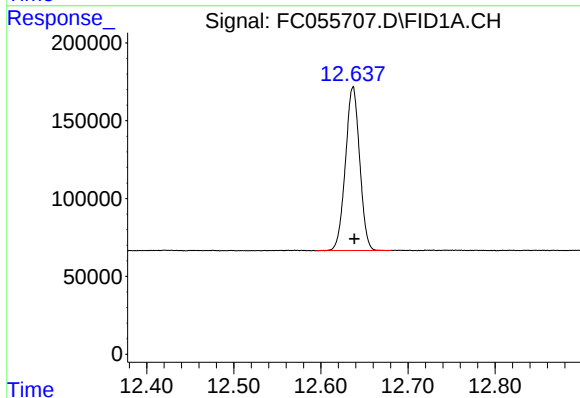
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: -0.002 min
Response: 1193552
Conc: 10.13 ug/ml



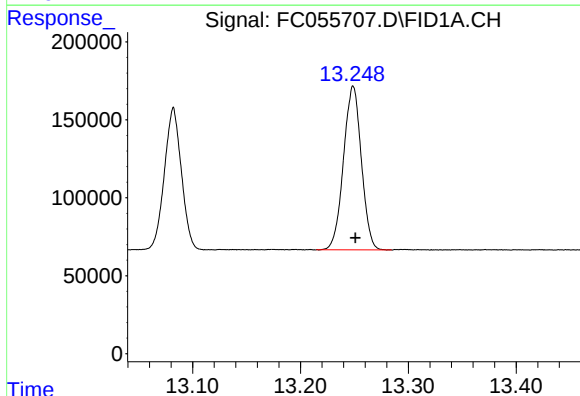
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.002 min
Response: 1274109
Conc: 10.15 ug/ml



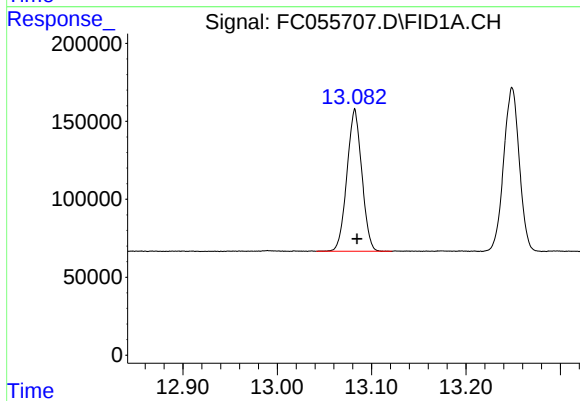
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.002 min
Response: 1196089
Conc: 10.18 ug/ml



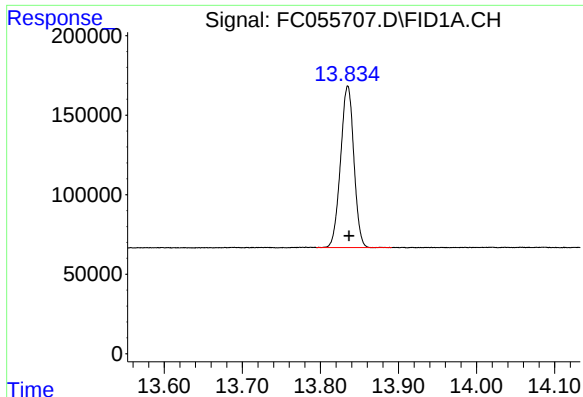
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.002 min
Response: 1208400
Conc: 10.18 ug/ml



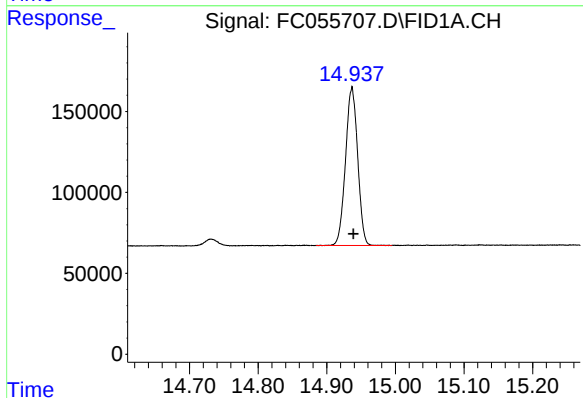
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.003 min
Response: 996931
Conc: 10.11 ug/ml



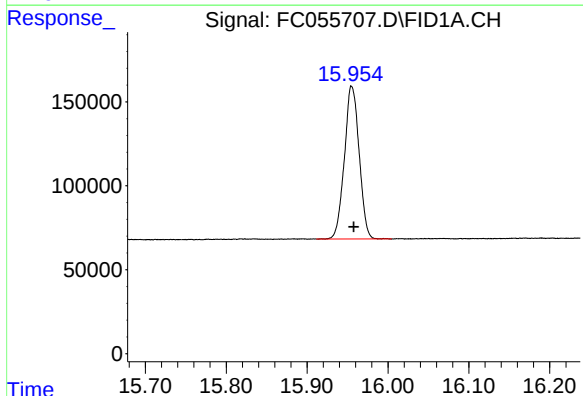
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.002 min
Response: 1201573
Conc: 10.20 ug/ml



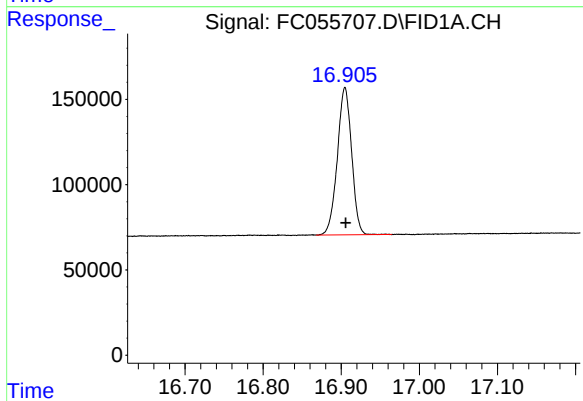
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.002 min
Response: 1201706
Conc: 10.23 ug/ml



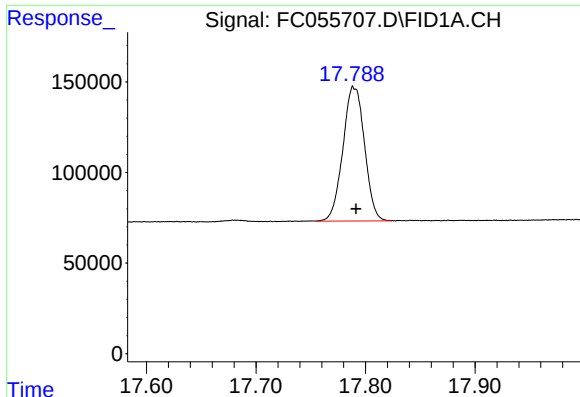
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.002 min
Response: 1154485
Conc: 10.26 ug/ml



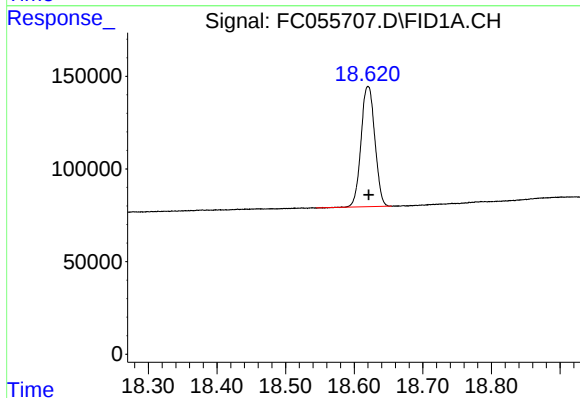
#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.001 min
Response: 1099273
Conc: 10.23 ug/ml



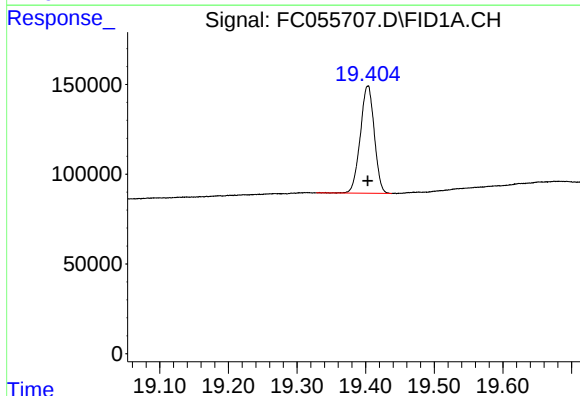
#17 n-Tricontane (C30)

R.T.: 17.788 min
Delta R.T.: -0.003 min
Response: 1015702
Conc: 10.16 ug/ml m



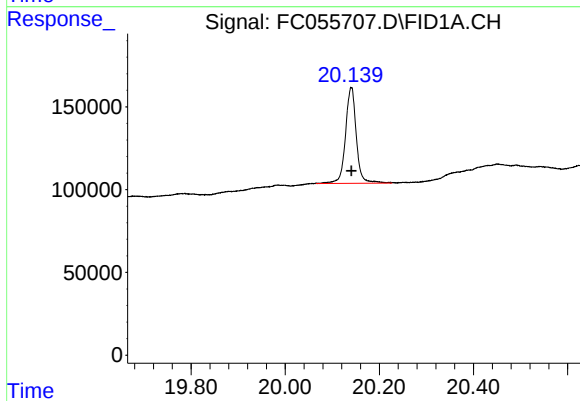
#18 n-Dotriacontane (C32)

R.T.: 18.620 min
Delta R.T.: -0.001 min
Response: 905780
Conc: 10.05 ug/ml



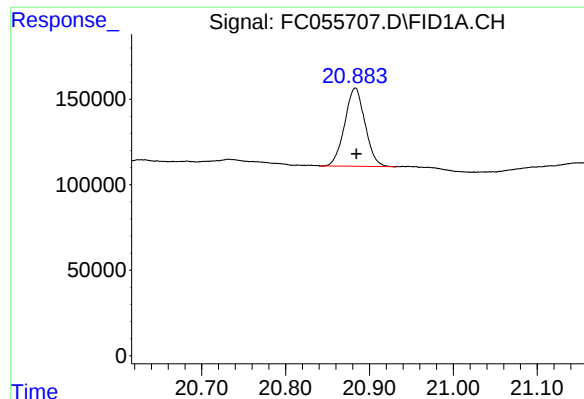
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min
Delta R.T.: 0.000 min
Response: 846641
Conc: 9.94 ug/ml



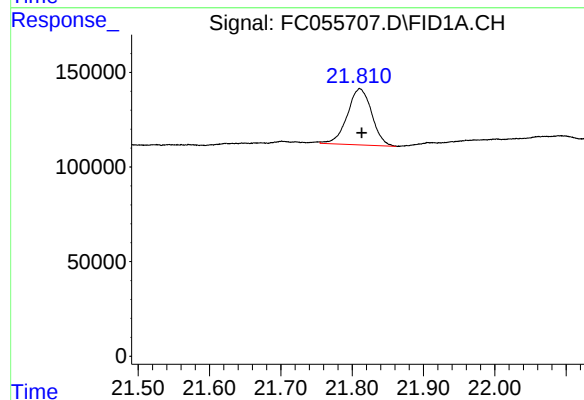
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min
Delta R.T.: -0.002 min
Response: 922795
Conc: 11.70 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.001 min
Response: 770056
Conc: 10.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: -0.004 min
Response: 704851
Conc: 10.17 ug/ml m