

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030124AL\
 Data File : FG013599.D
 Signal(s) : FID1A.ch
 Acq On : 01 Mar 2024 08:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 10:19:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 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)	11.969	2840389	19.745 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.410	2196936	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T n-Nonane (C9)	3.331	2645709	20.462 ug/ml
2) T n-Decane (C10)	4.585	2705307	20.459 ug/ml
3) T A~Naphthalene (C11.7)	6.292	2940167	20.296 ug/ml
4) T n-Dodecane (C12)	6.755	2735951	20.424 ug/ml
5) T A~2-methylnaphthalene...	7.390	2846066	20.284 ug/ml
6) T n-Tetradecane (C14)	8.588	2715975	20.396 ug/ml
7) T n-Hexadecane (C16)	10.201	2793752	20.330 ug/ml
8) T n-Octadecane (C18)	11.650	2793675	20.183 ug/ml
10) T n-Eicosane (C20)	12.963	2653006	20.066 ug/ml
11) T n-Heneicosane (C21)	13.578	2575203	19.873 ug/ml
13) T n-Docosane (C22)	14.166	2565240	19.988 ug/ml
14) T n-Tetracosane (C24)	15.273	2541139	20.170 ug/ml
15) T n-Hexacosane (C26)	16.298	2480204	20.321 ug/ml
16) T n-Octacosane (C28)	17.250	2434635	20.712 ug/ml
17) T n-Tricontane (C30)	18.143	2468109	21.036 ug/ml
18) T n-Dotriacontane (C32)	18.977	2399119	21.198 ug/ml
19) T n-Tetratriacontane (C34)	19.765	2282273	21.005 ug/mlm
20) T n-Hexatriacontane (C36)	20.507	2193283	21.095 ug/ml
21) T n-Octatriacontane (C38)	21.263	2418837	23.385 ug/ml
22) T n-Tetracontane (C40)	22.209	2305303	22.572 ug/ml

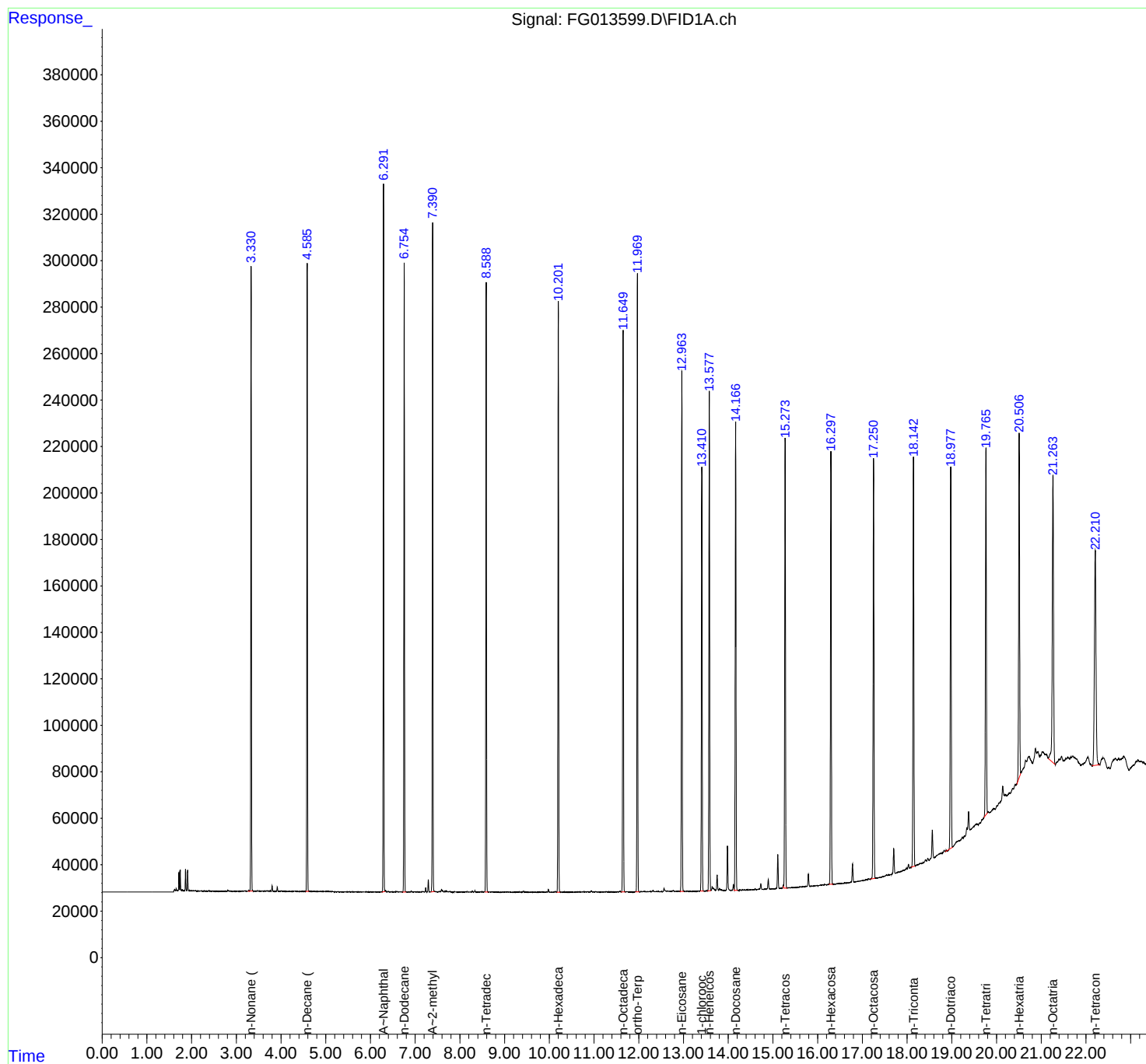
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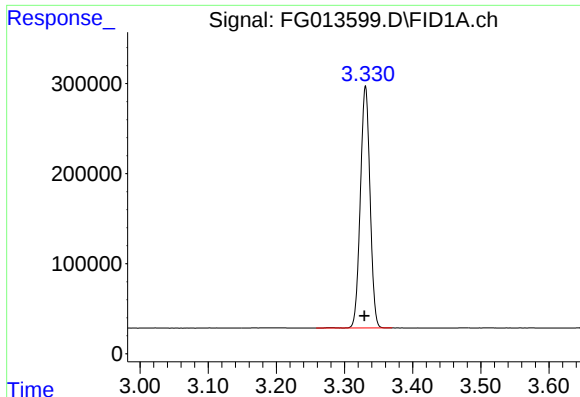
(m)=manual int.

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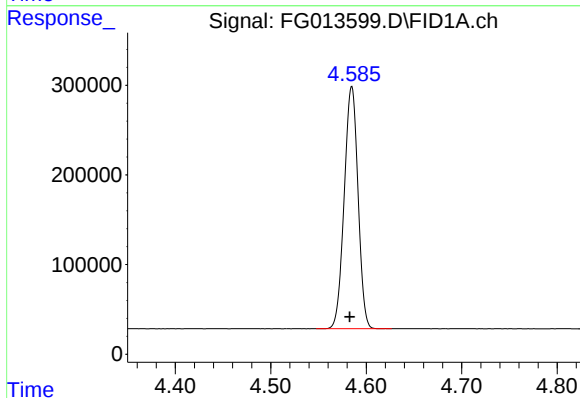
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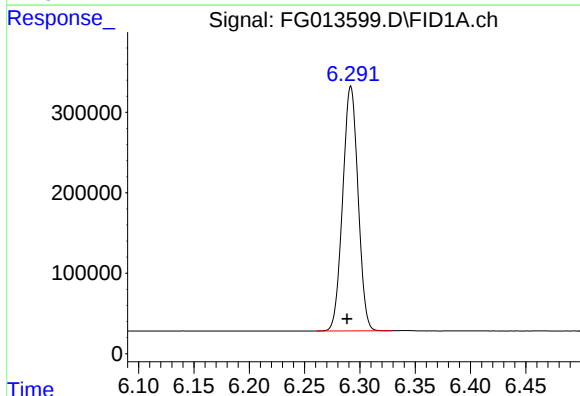
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.002 min
Response: 2645709
Conc: 20.46 ug/ml



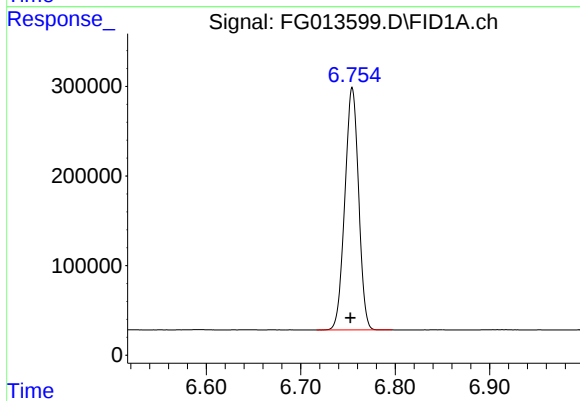
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 2705307
Conc: 20.46 ug/ml



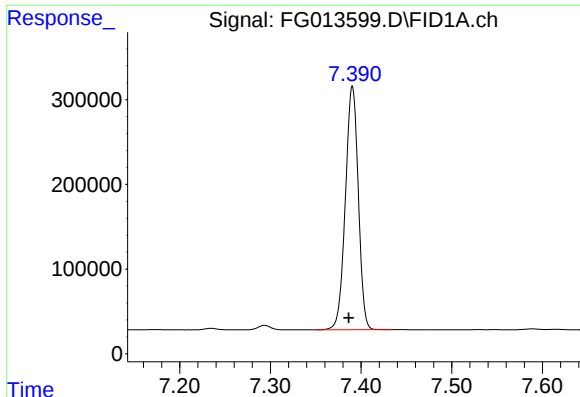
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: 0.003 min
Response: 2940167
Conc: 20.30 ug/ml



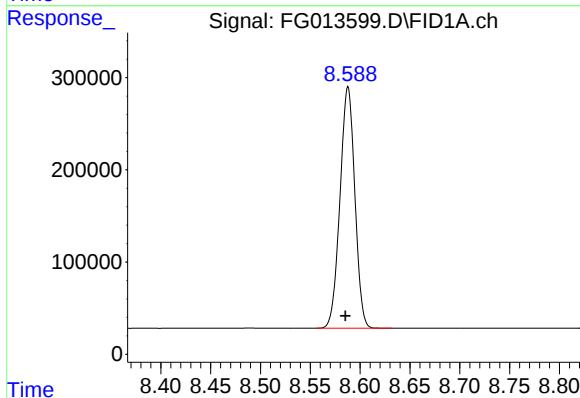
#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 2735951
Conc: 20.42 ug/ml



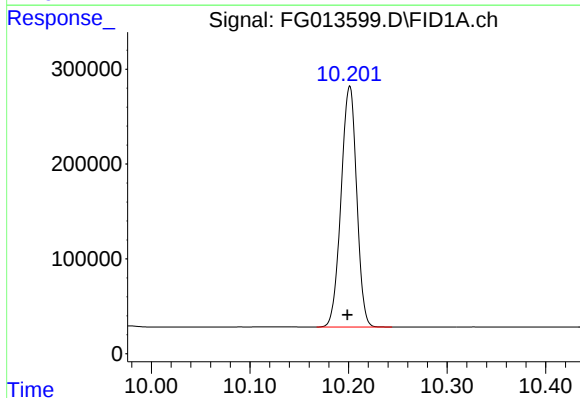
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.390 min
Delta R.T.: 0.004 min
Response: 2846066
Conc: 20.28 ug/ml



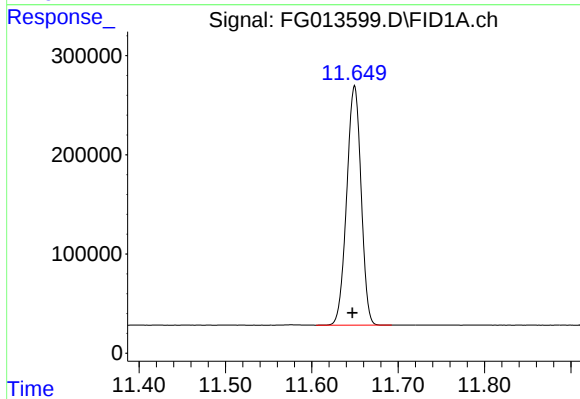
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: 0.003 min
Response: 2715975
Conc: 20.40 ug/ml



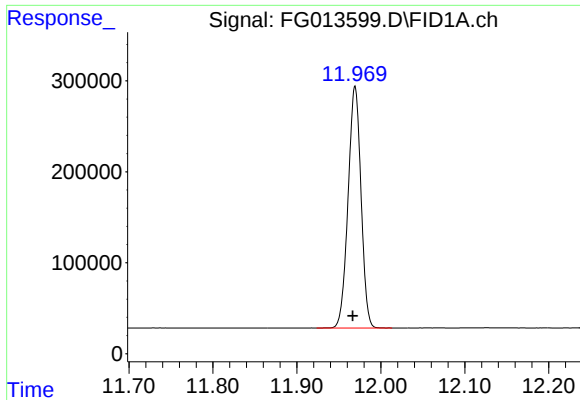
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: 0.003 min
Response: 2793752
Conc: 20.33 ug/ml



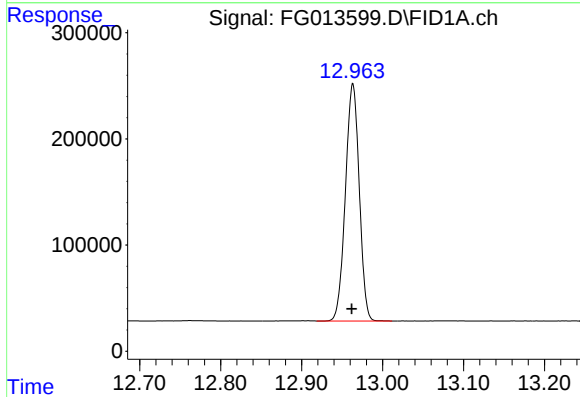
#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: 0.002 min
Response: 2793675
Conc: 20.18 ug/ml



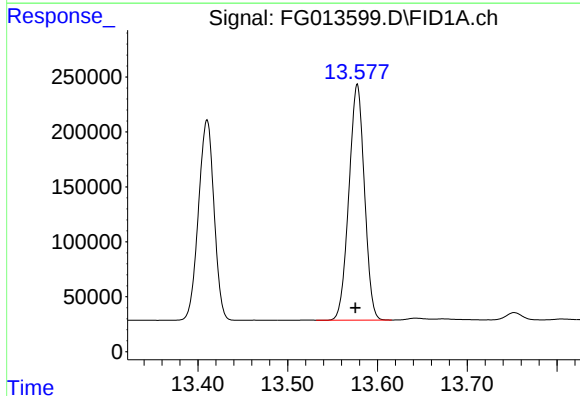
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: 0.003 min
Response: 2840389
Conc: 19.74 ug/ml



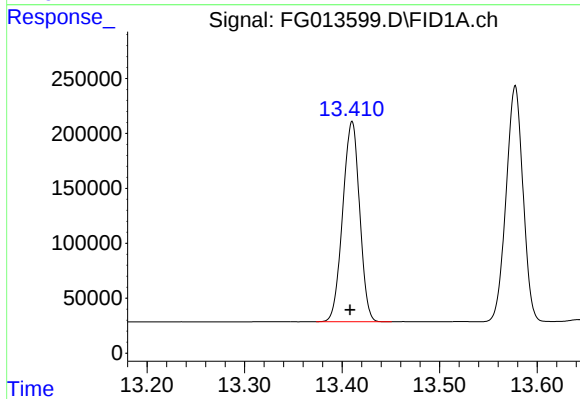
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.002 min
Response: 2653006
Conc: 20.07 ug/ml



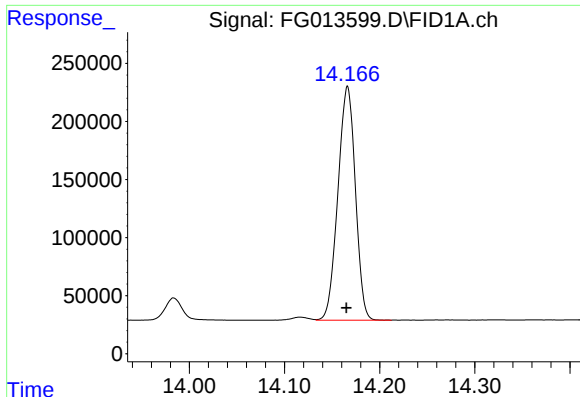
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.002 min
Response: 2575203
Conc: 19.87 ug/ml



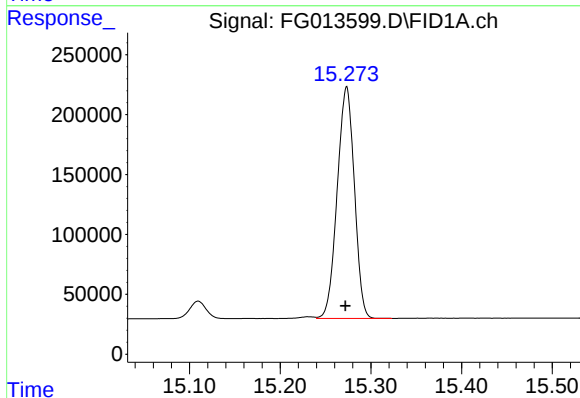
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.002 min
Response: 2196936
Conc: 20.14 ug/ml



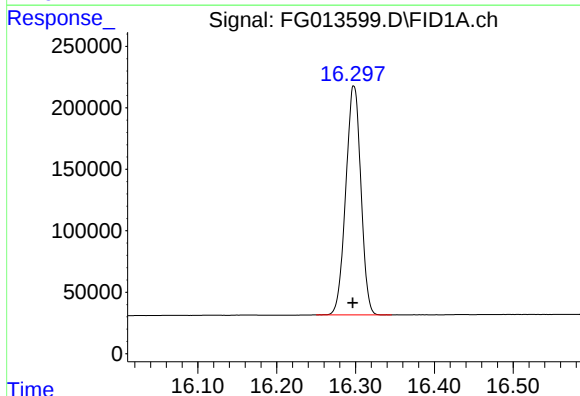
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.001 min
Response: 2565240
Conc: 19.99 ug/ml



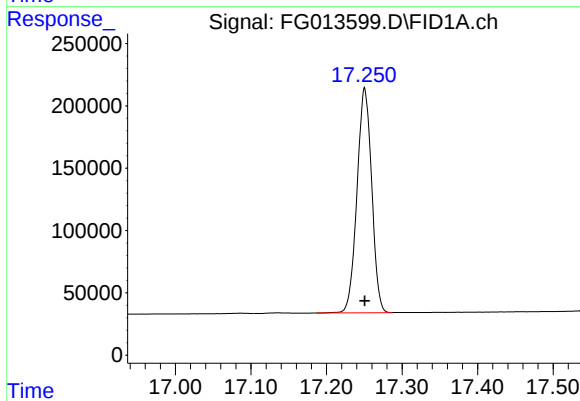
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: 0.002 min
Response: 2541139
Conc: 20.17 ug/ml



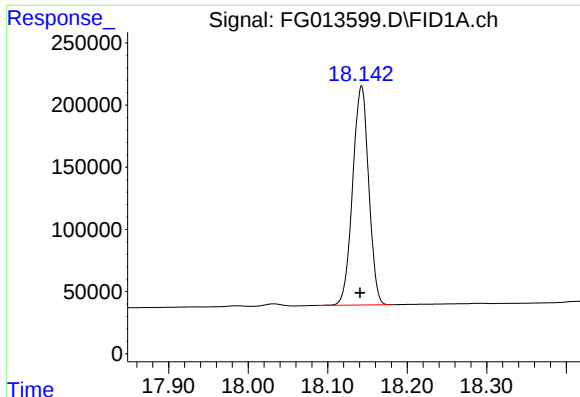
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.002 min
Response: 2480204
Conc: 20.32 ug/ml



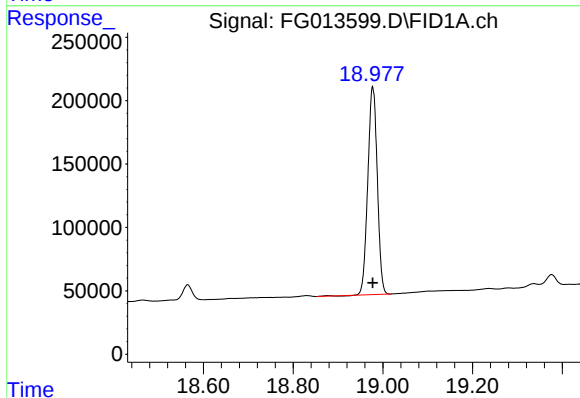
#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 2434635
Conc: 20.71 ug/ml



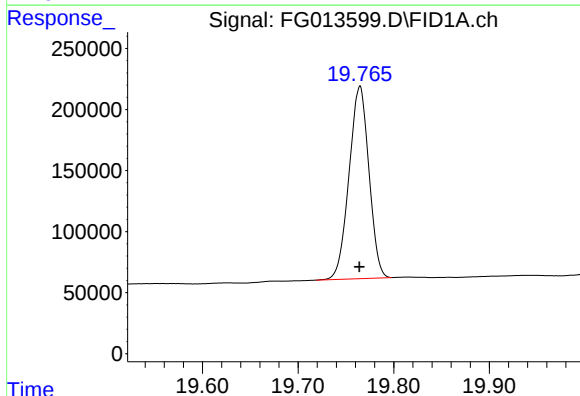
#17 n-Tricontane (C30)

R.T.: 18.143 min
Delta R.T.: 0.002 min
Response: 2468109
Conc: 21.04 ug/ml



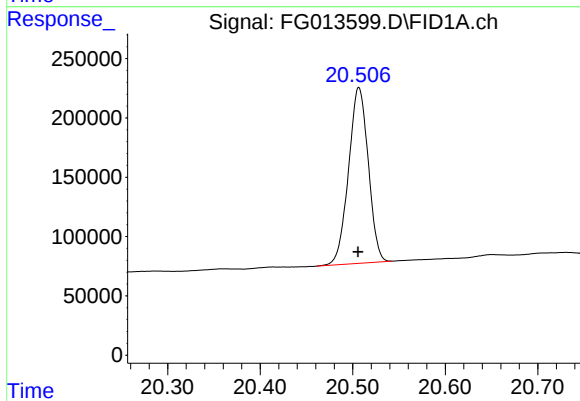
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: 0.000 min
Response: 2399119
Conc: 21.20 ug/ml



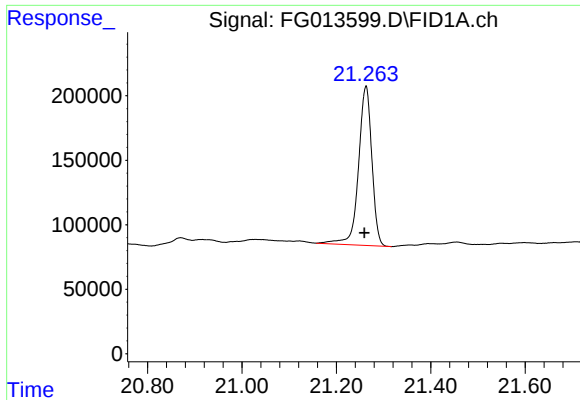
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 2282273
Conc: 21.01 ug/ml m



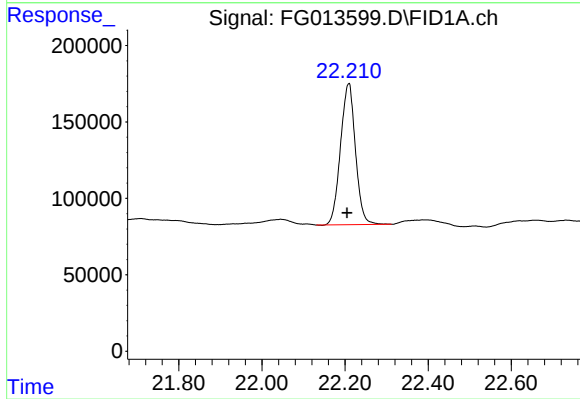
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 2193283
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.263 min
Delta R.T.: 0.003 min
Response: 2418837
Conc: 23.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.005 min
Response: 2305303
Conc: 22.57 ug/ml