

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091622AL\
 Data File : FC061555.D
 Signal(s) : FID1A.ch
 Acq On : 17 Sep 2022 01:11
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 13:13:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.574	3069195	17.337 ug/ml
Spiked Amount 50.000		Recovery =	34.67%
12) S 1-chlorooctadecane (S...	13.012	2423182	17.302 ug/ml
Spiked Amount 50.000		Recovery =	34.60%
Target Compounds			
1) T n-Nonane (C9)	3.331	2898002	19.168 ug/ml
2) T n-Decane (C10)	4.398	2920795	19.249 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3275665	18.923 ug/ml
4) T n-Dodecane (C12)	6.415	2931651	18.929 ug/ml
5) T A~2-methylnaphthalene...	7.039	3288704	18.677 ug/ml
6) T n-Tetradecane (C14)	8.213	2901802	18.552 ug/ml
7) T n-Hexadecane (C16)	9.815	2871178	18.331 ug/ml
8) T n-Octadecane (C18)	11.257	2840130	18.002 ug/ml
10) T n-Eicosane (C20)	12.567	2738878	17.618 ug/ml
11) T n-Heneicosane (C21)	13.179	2717662	17.374 ug/ml
13) T n-Docosane (C22)	13.766	2669371	17.202 ug/ml
14) T n-Tetracosane (C24)	14.869	2603490	16.829 ug/ml
15) T n-Hexacosane (C26)	15.889	2521097	16.751 ug/ml
16) T n-Octacosane (C28)	16.839	2489182	16.852 ug/ml
17) T n-Tricontane (C30)	17.726	2417907	17.506 ug/ml
18) T n-Dotriacontane (C32)	18.558	2036130	18.550 ug/mlm
19) T n-Tetratriacontane (C34)	19.341	1475755	19.119 ug/ml
20) T n-Hexatriacontane (C36)	20.080	1139834	20.189 ug/mlm
21) T n-Octatriacontane (C38)	20.814	969748	20.904 ug/ml
22) T n-Tetracontane (C40)	21.724	917203	21.867 ug/mlm

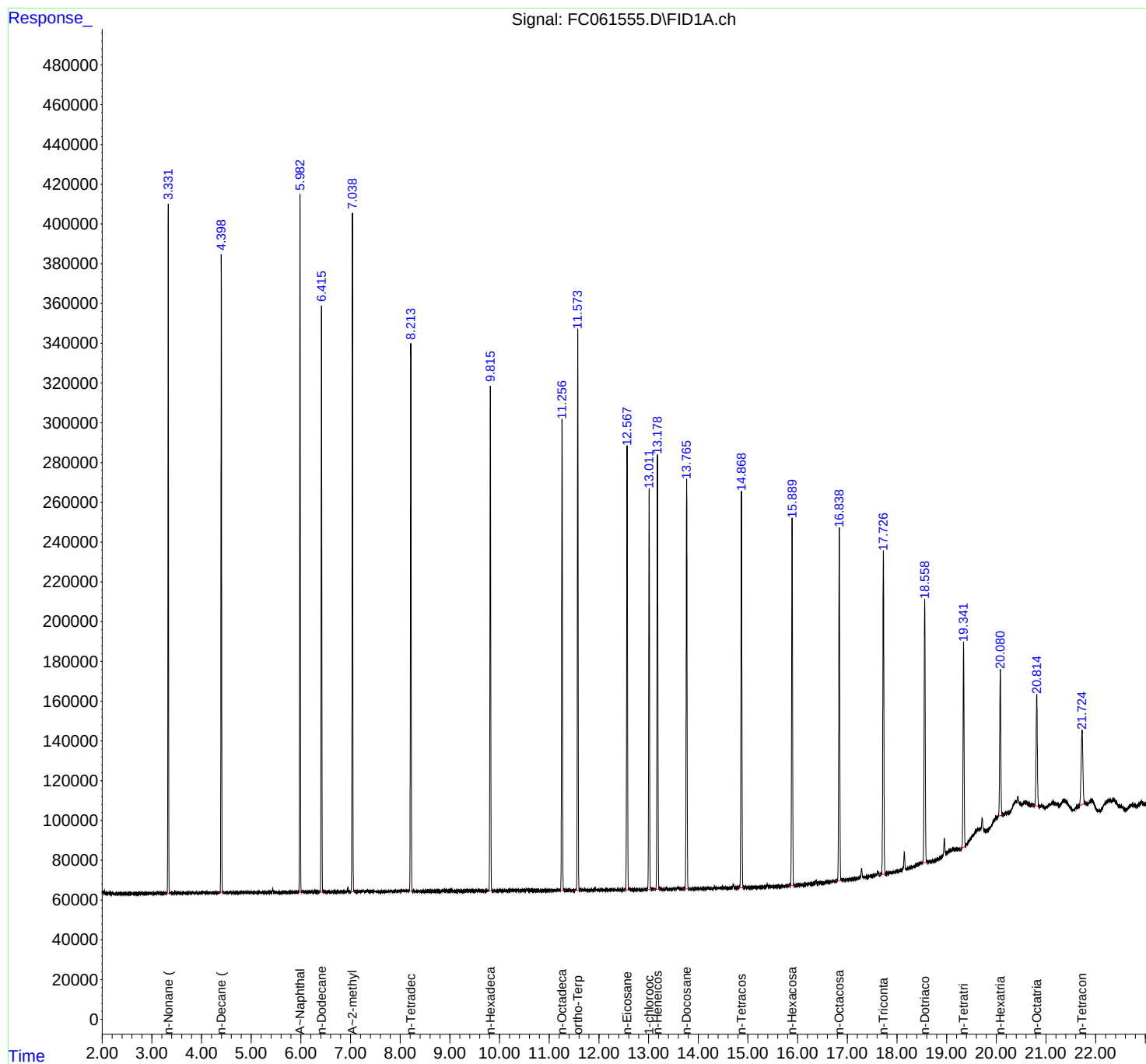
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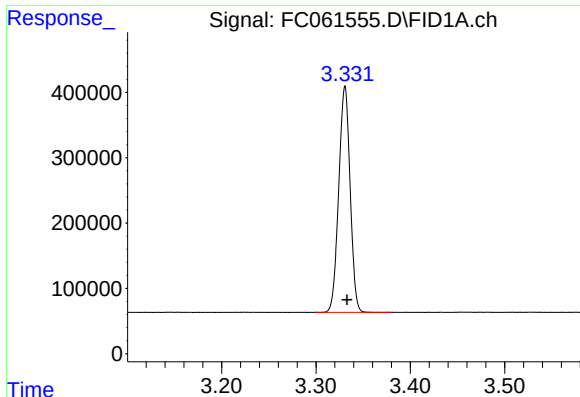
(m)=manual int.

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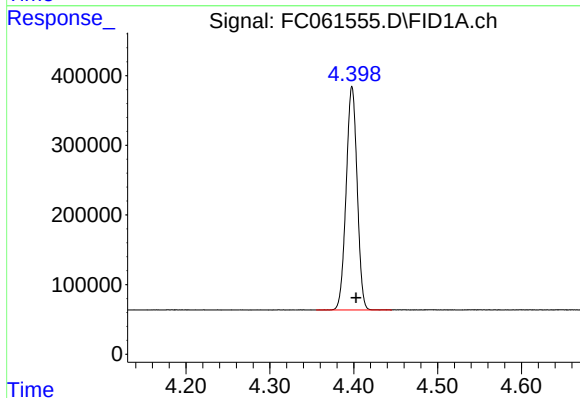
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





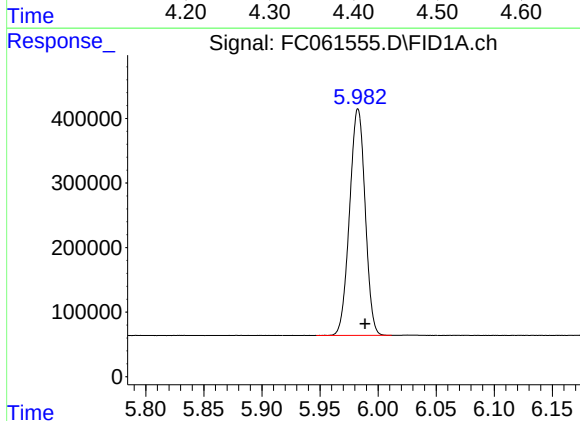
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 2898002
Conc: 19.17 ug/ml



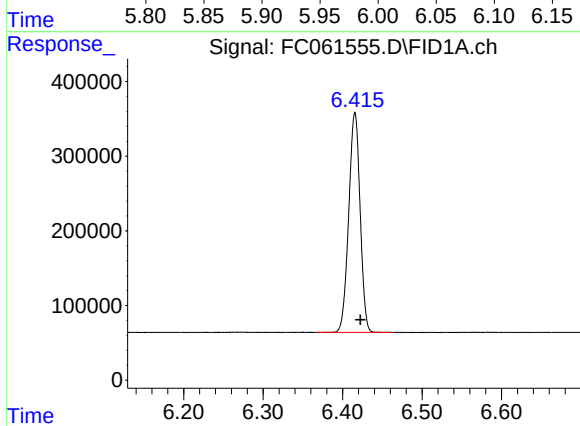
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.005 min
Response: 2920795
Conc: 19.25 ug/ml



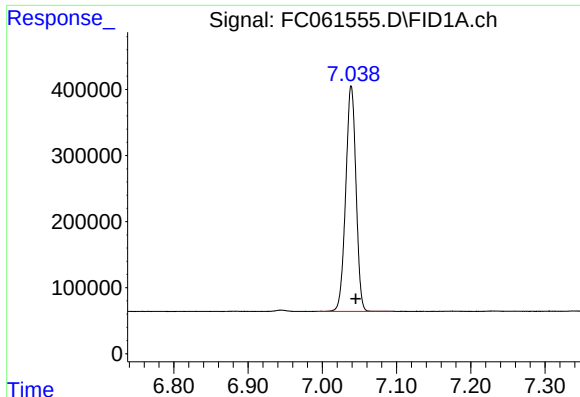
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.006 min
Response: 3275665
Conc: 18.92 ug/ml



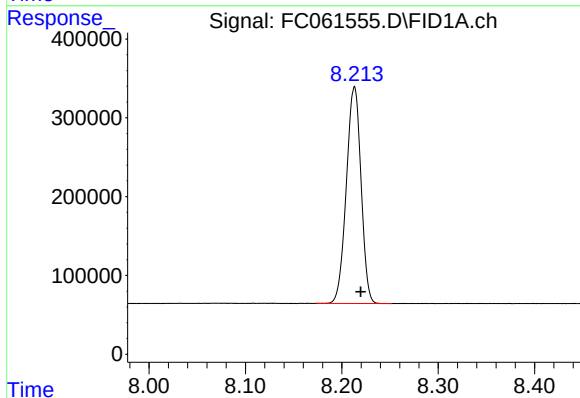
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 2931651
Conc: 18.93 ug/ml



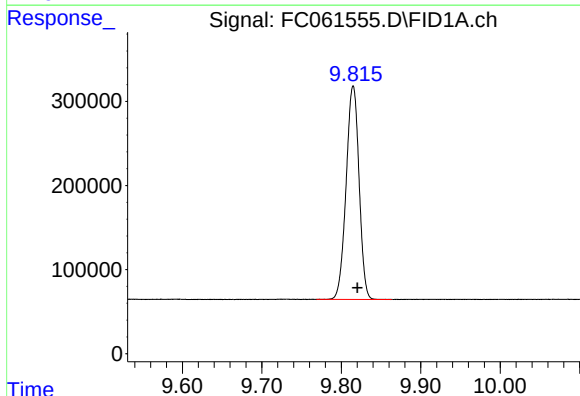
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 3288704
Conc: 18.68 ug/ml



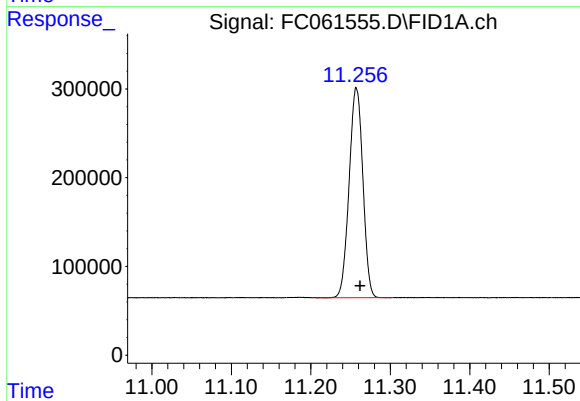
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: -0.007 min
Response: 2901802
Conc: 18.55 ug/ml



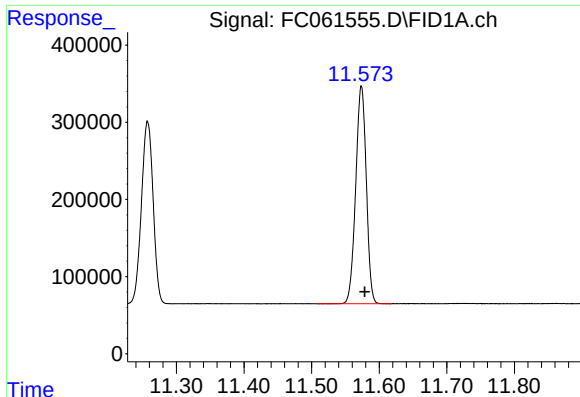
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.005 min
Response: 2871178
Conc: 18.33 ug/ml



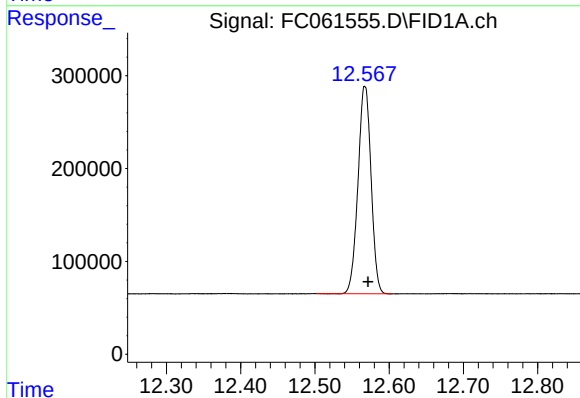
#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.005 min
Response: 2840130
Conc: 18.00 ug/ml



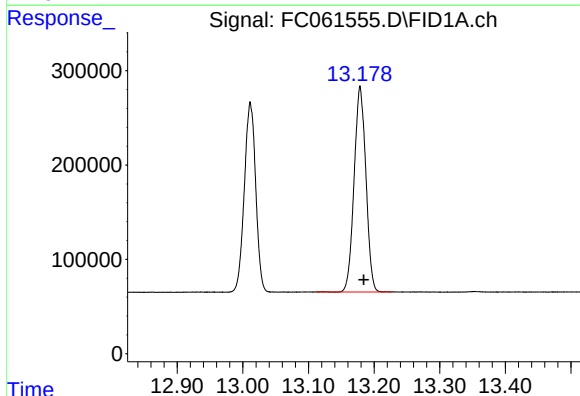
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.005 min
Response: 3069195
Conc: 17.34 ug/ml



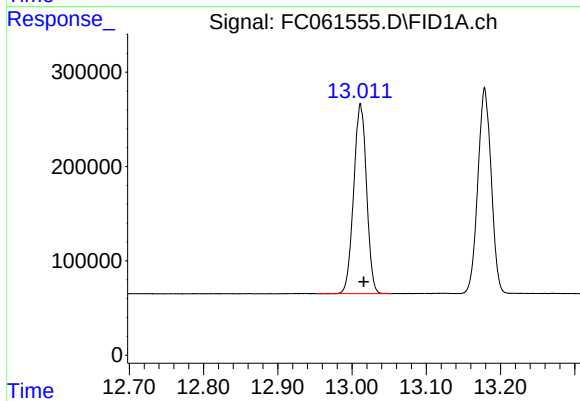
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 2738878
Conc: 17.62 ug/ml



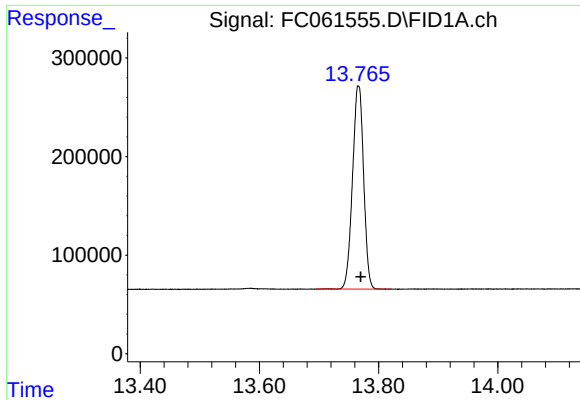
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.005 min
Response: 2717662
Conc: 17.37 ug/ml



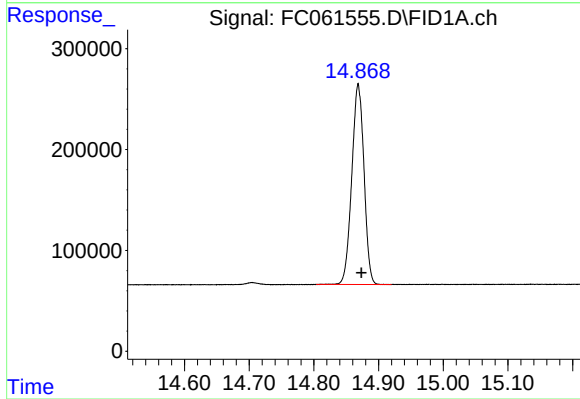
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: -0.004 min
Response: 2423182
Conc: 17.30 ug/ml



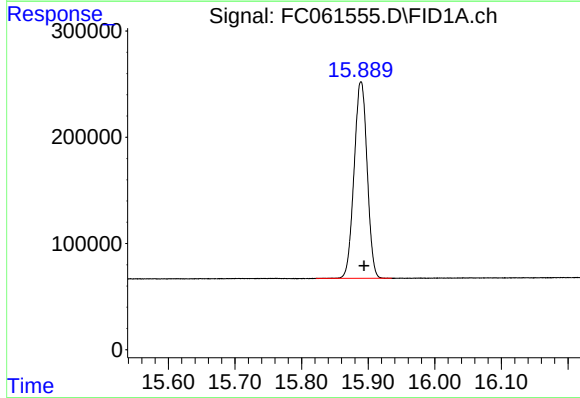
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: -0.004 min
Response: 2669371
Conc: 17.20 ug/ml



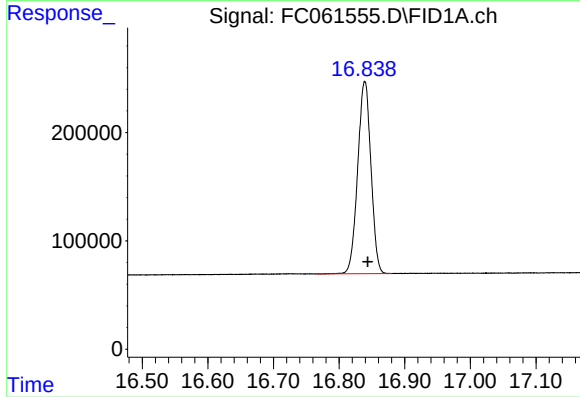
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: -0.005 min
Response: 2603490
Conc: 16.83 ug/ml



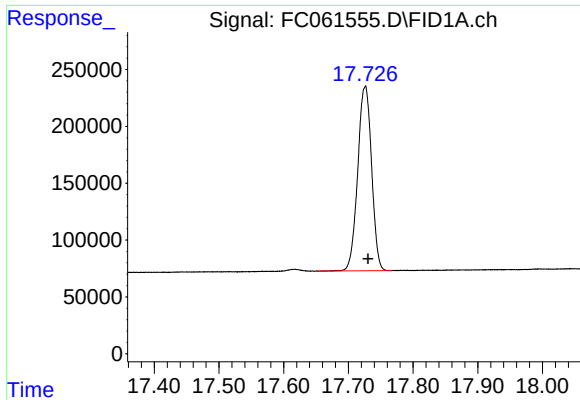
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: -0.004 min
Response: 2521097
Conc: 16.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: -0.004 min
Response: 2489182
Conc: 16.85 ug/ml



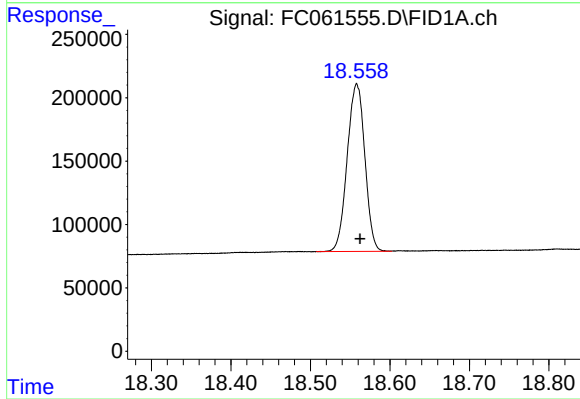
#17 n-Tricontane (C30)

R.T.: 17.726 min

Delta R.T.: -0.005 min

Response: 2417907

Conc: 17.51 ug/ml



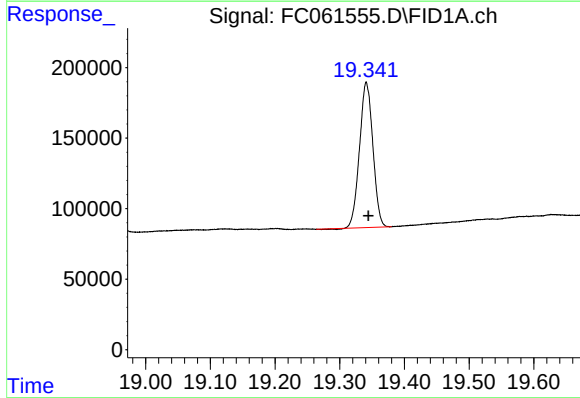
#18 n-Dotriacontane (C32)

R.T.: 18.558 min

Delta R.T.: -0.005 min

Response: 2036130

Conc: 18.55 ug/ml m



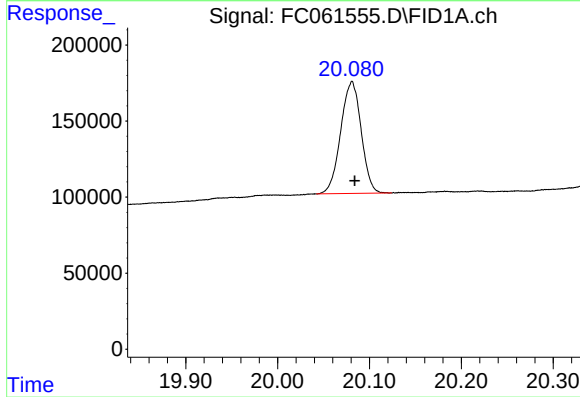
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min

Delta R.T.: -0.003 min

Response: 1475755

Conc: 19.12 ug/ml



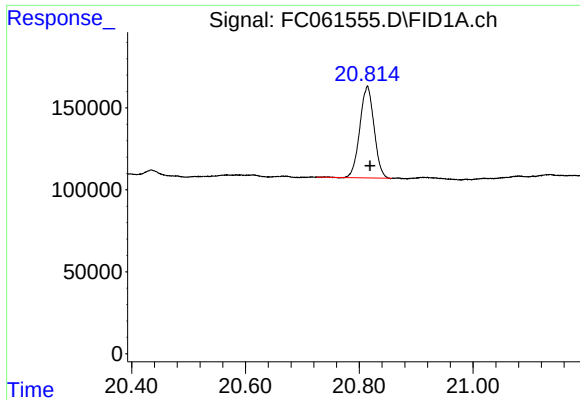
#20 n-Hexatriacontane (C36)

R.T.: 20.080 min

Delta R.T.: -0.003 min

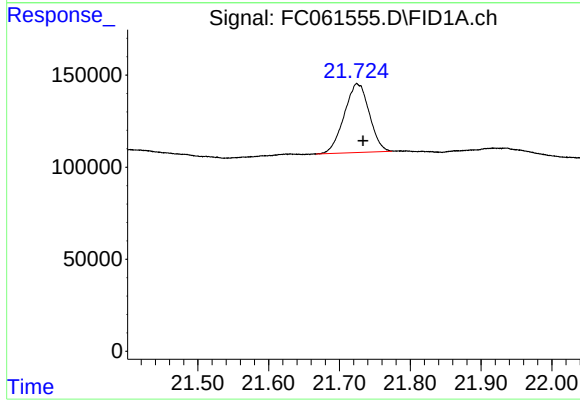
Response: 1139834

Conc: 20.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.005 min
Response: 969748
Conc: 20.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: -0.009 min
Response: 917203
Conc: 21.87 ug/ml m