

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072622AL\
 Data File : FD043349.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jul 2022 10:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 27 05:03:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.527	3143238	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.962	2446498	19.962 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.311	2797916	19.961 ug/ml
2) T n-Decane (C10)	4.375	2810543	19.989 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3044508	20.037 ug/ml
4) T n-Dodecane (C12)	6.388	2836563	19.930 ug/ml
5) T A~2-methylnaphthalene...	7.006	3003749	20.075 ug/ml
6) T n-Tetradecane (C14)	8.179	2820453	19.883 ug/ml
7) T n-Hexadecane (C16)	9.776	2814650	19.845 ug/ml
8) T n-Octadecane (C18)	11.214	2843881	19.889 ug/ml
10) T n-Eicosane (C20)	12.520	2872872	19.841 ug/ml
11) T n-Heneicosane (C21)	13.130	2883266	19.851 ug/ml
13) T n-Docosane (C22)	13.715	2877428	19.834 ug/ml
14) T n-Tetracosane (C24)	14.814	2871963	19.824 ug/ml
15) T n-Hexacosane (C26)	15.831	2847106	19.794 ug/ml
16) T n-Octacosane (C28)	16.778	2806776	19.841 ug/ml
17) T n-Tricontane (C30)	17.663	2797590	19.821 ug/ml
18) T n-Dotriacontane (C32)	18.492	2740554	19.818 ug/ml
19) T n-Tetratriacontane (C34)	19.272	2561513	19.905 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2449346	19.858 ug/ml
21) T n-Octatriacontane (C38)	20.728	2349721	19.871 ug/ml
22) T n-Tetracontane (C40)	21.605	2253118	19.926 ug/ml

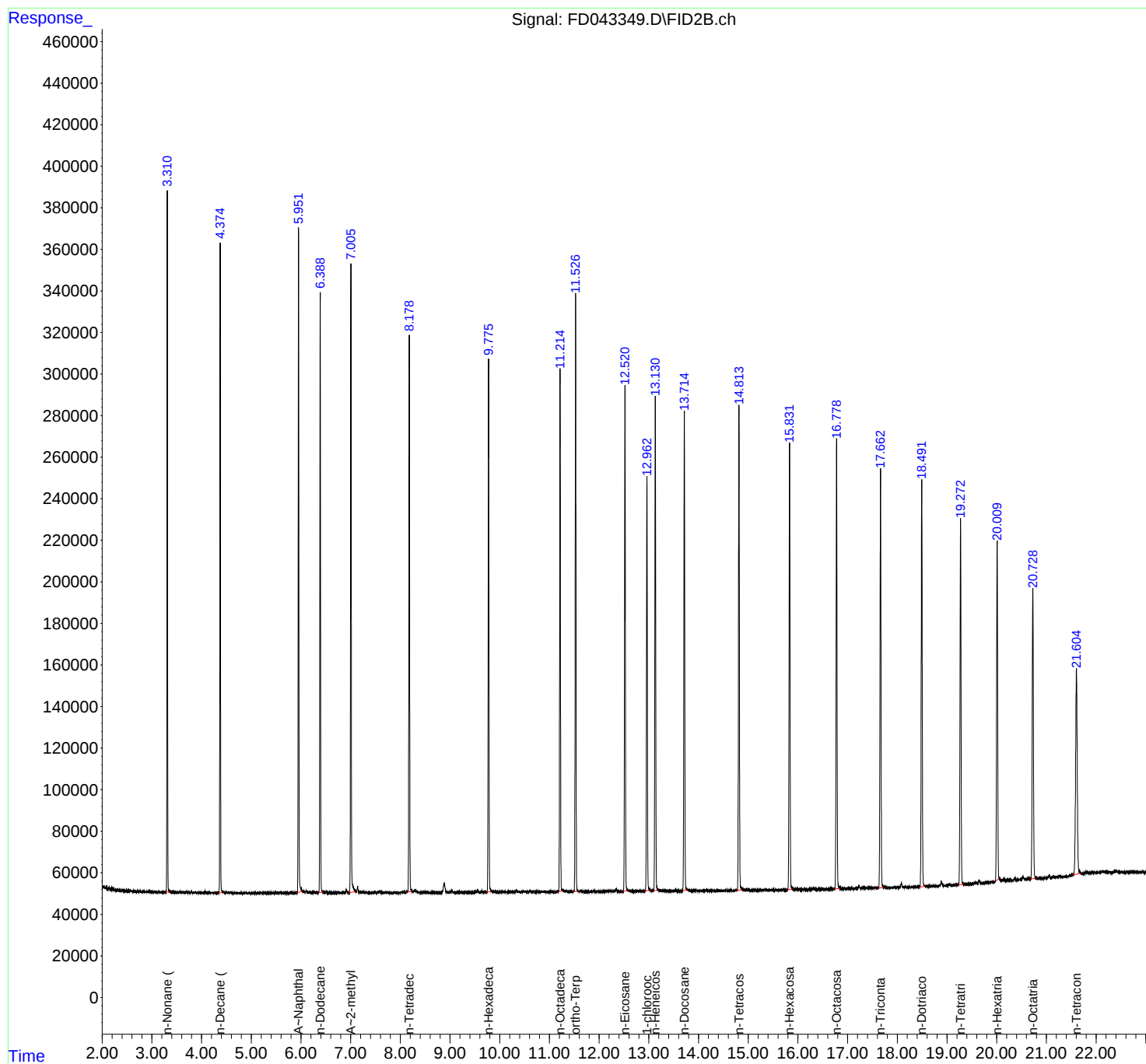
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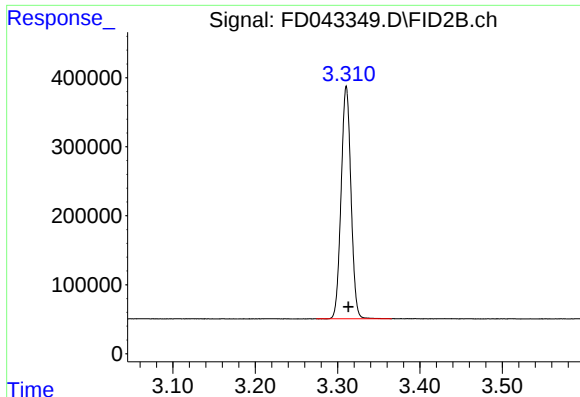
(m)=manual int.

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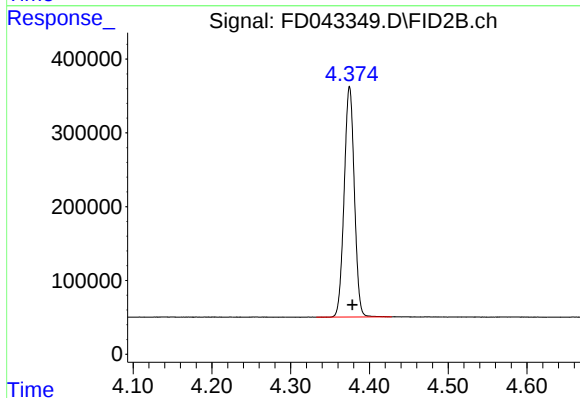
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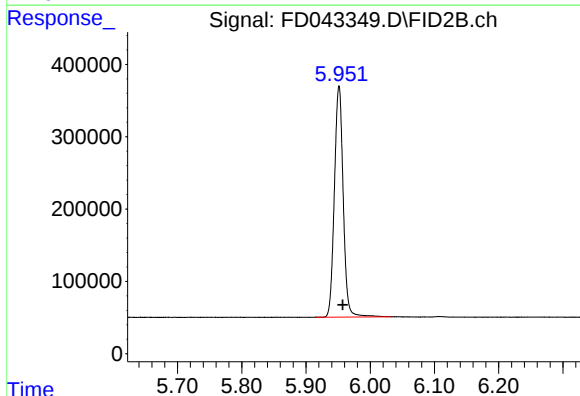
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2797916
Conc: 19.96 ug/ml



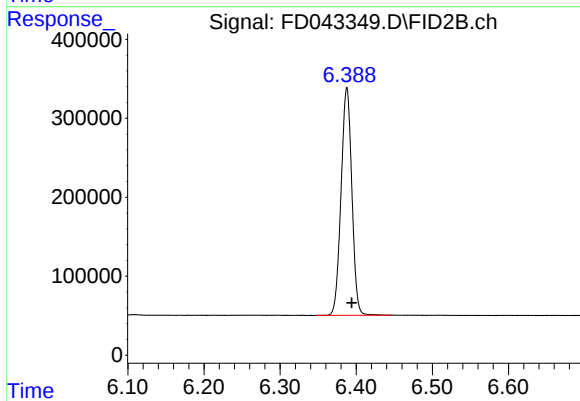
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 2810543
Conc: 19.99 ug/ml



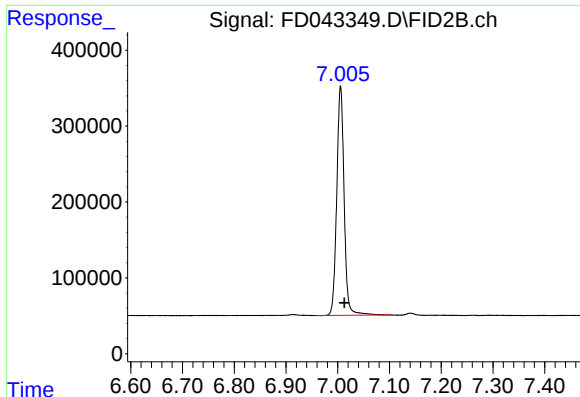
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 3044508
Conc: 20.04 ug/ml



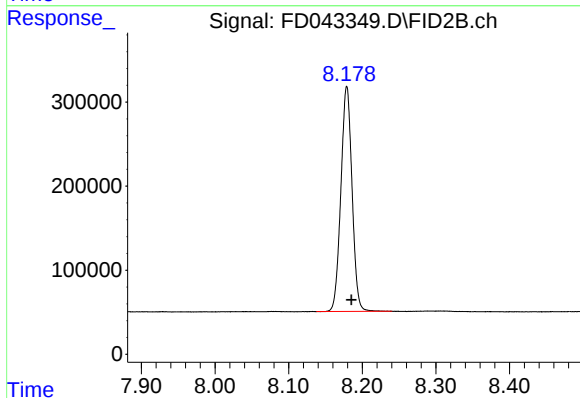
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 2836563
Conc: 19.93 ug/ml



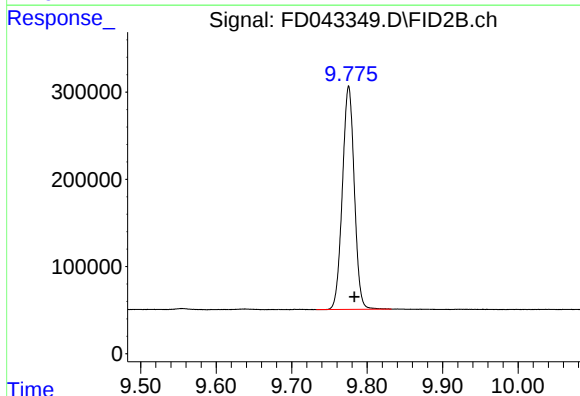
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: -0.007 min
Response: 3003749
Conc: 20.08 ug/ml



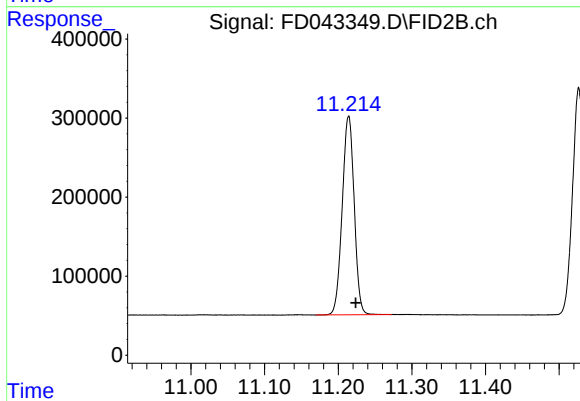
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 2820453
Conc: 19.88 ug/ml



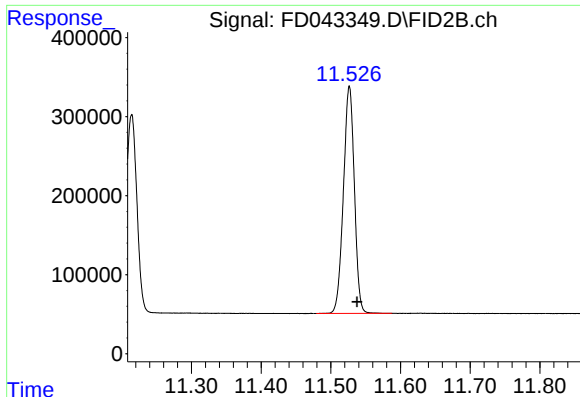
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.008 min
Response: 2814650
Conc: 19.85 ug/ml



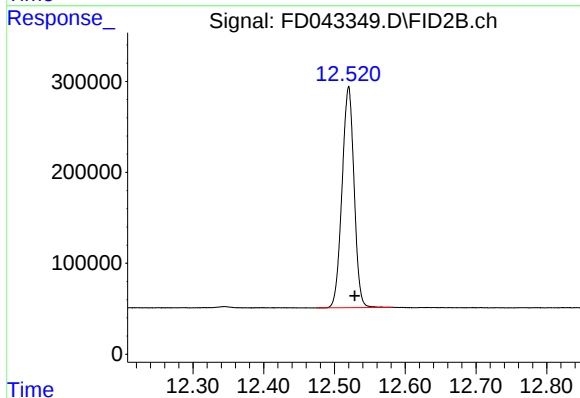
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 2843881
Conc: 19.89 ug/ml



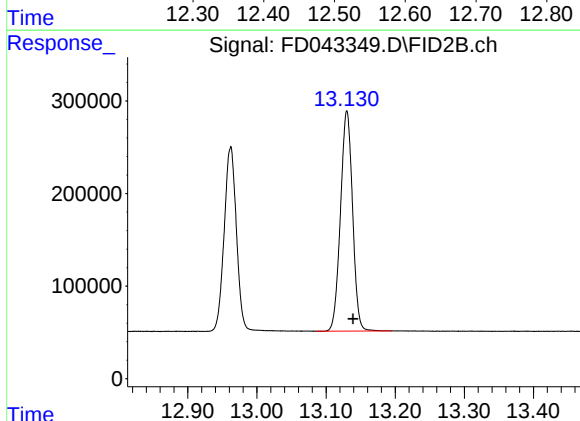
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.011 min
Response: 3143238
Conc: 19.86 ug/ml



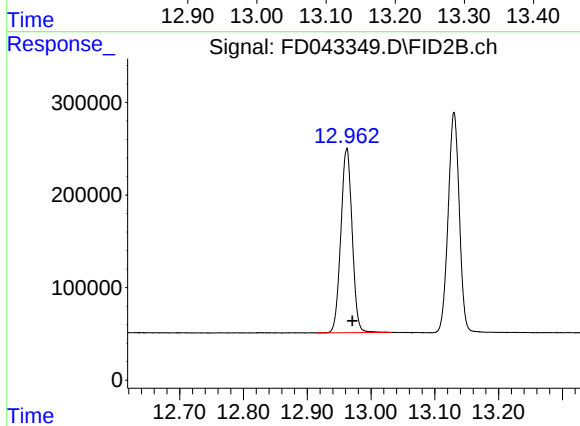
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.008 min
Response: 2872872
Conc: 19.84 ug/ml



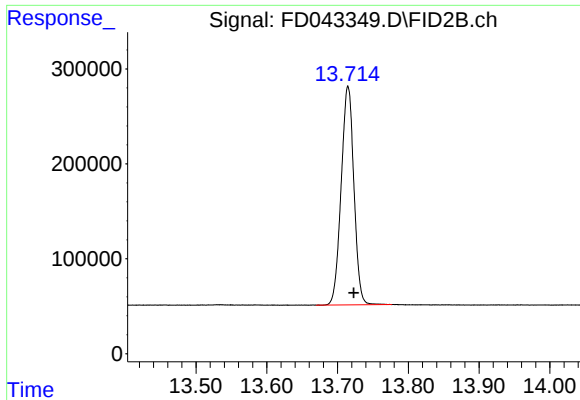
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.009 min
Response: 2883266
Conc: 19.85 ug/ml



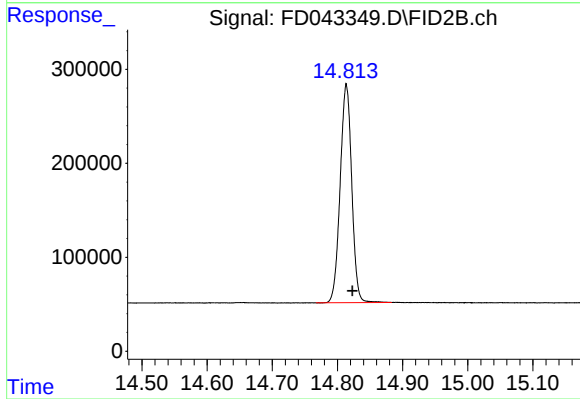
#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: -0.009 min
Response: 2446498
Conc: 19.96 ug/ml



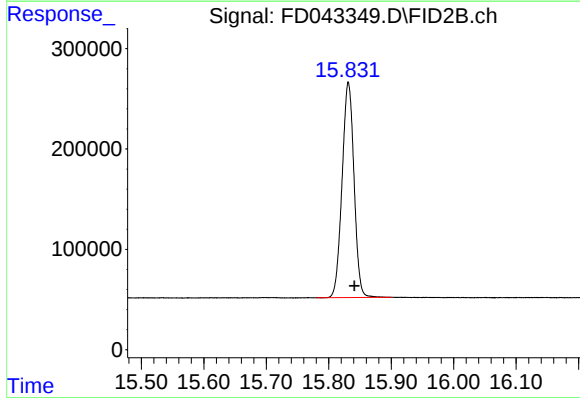
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.008 min
Response: 2877428
Conc: 19.83 ug/ml



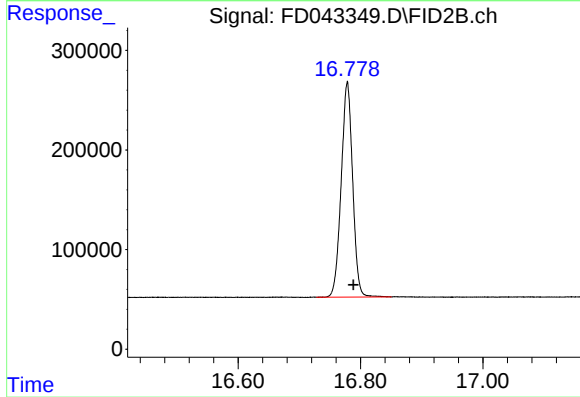
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.009 min
Response: 2871963
Conc: 19.82 ug/ml



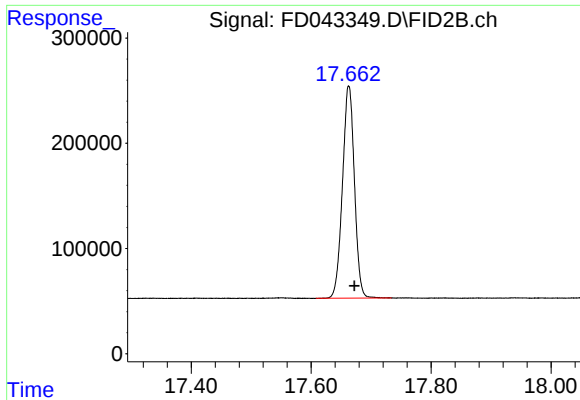
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.010 min
Response: 2847106
Conc: 19.79 ug/ml



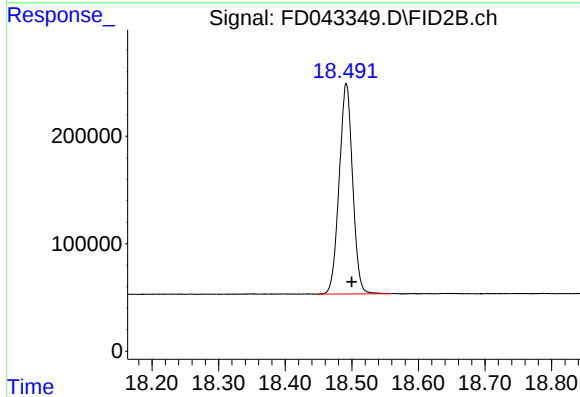
#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: -0.010 min
Response: 2806776
Conc: 19.84 ug/ml



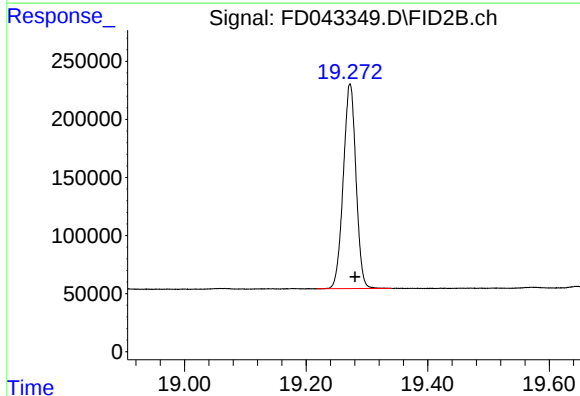
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: -0.009 min
Response: 2797590
Conc: 19.82 ug/ml



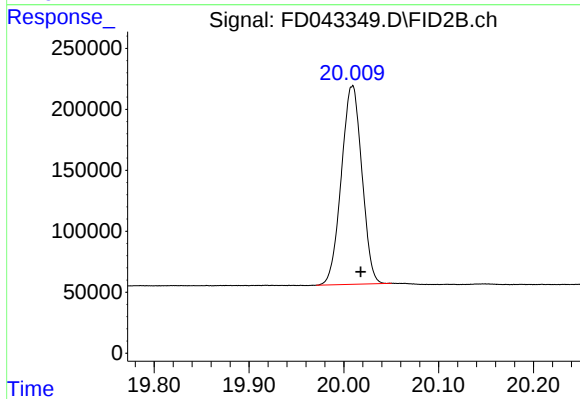
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.008 min
Response: 2740554
Conc: 19.82 ug/ml



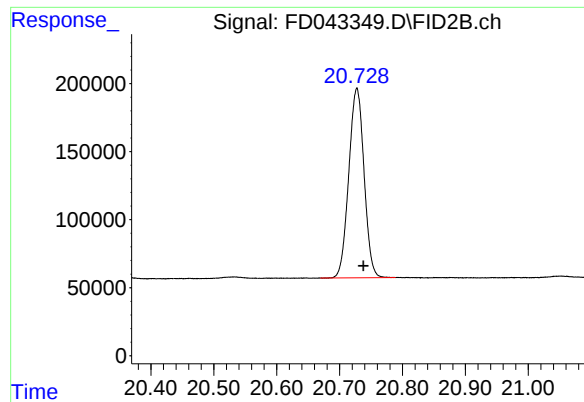
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.008 min
Response: 2561513
Conc: 19.91 ug/ml



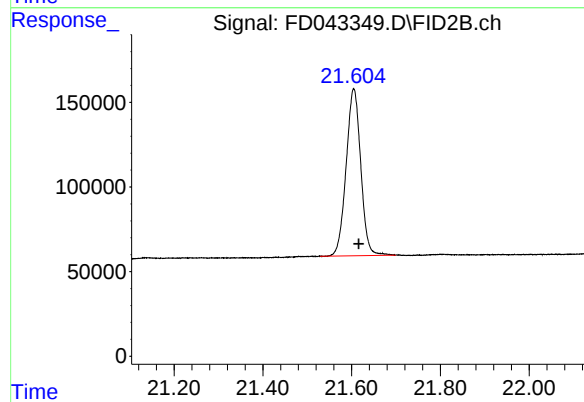
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: -0.009 min
Response: 2449346
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.011 min
Response: 2349721
Conc: 19.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.011 min
Response: 2253118
Conc: 19.93 ug/ml