

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080222AL\
 Data File : FD043478.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2022 00:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 03 05:01:45 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)	11.530	3163638	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	12.966	2444696	19.947 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T n-Nonane (C9)	3.310	3054028	21.789 ug/ml
2) T n-Decane (C10)	4.375	3093144	21.999 ug/ml
3) T A~Naphthalene (C11.7)	5.954	3320919	21.856 ug/ml
4) T n-Dodecane (C12)	6.389	3104585	21.813 ug/ml
5) T A~2-methylnaphthalene...	7.008	3268399	21.844 ug/ml
6) T n-Tetradecane (C14)	8.181	3080628	21.717 ug/ml
7) T n-Hexadecane (C16)	9.778	3047418	21.486 ug/ml
8) T n-Octadecane (C18)	11.217	3006765	21.028 ug/ml
10) T n-Eicosane (C20)	12.525	2935779	20.276 ug/ml
11) T n-Heneicosane (C21)	13.134	2893366	19.921 ug/ml
13) T n-Docosane (C22)	13.719	2862074	19.728 ug/ml
14) T n-Tetracosane (C24)	14.819	2789281	19.253 ug/ml
15) T n-Hexacosane (C26)	15.838	2695072	18.737 ug/ml
16) T n-Octacosane (C28)	16.785	2609649	18.448 ug/ml
17) T n-Tricontane (C30)	17.671	2623397	18.587 ug/ml
18) T n-Dotriacontane (C32)	18.500	2629164	19.012 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2495960	19.396 ug/mlm
20) T n-Hexatriacontane (C36)	20.019	2491767	20.201 ug/ml
21) T n-Octatriacontane (C38)	20.741	2598825	21.978 ug/ml
22) T n-Tetracontane (C40)	21.622	2473763	21.878 ug/mlm

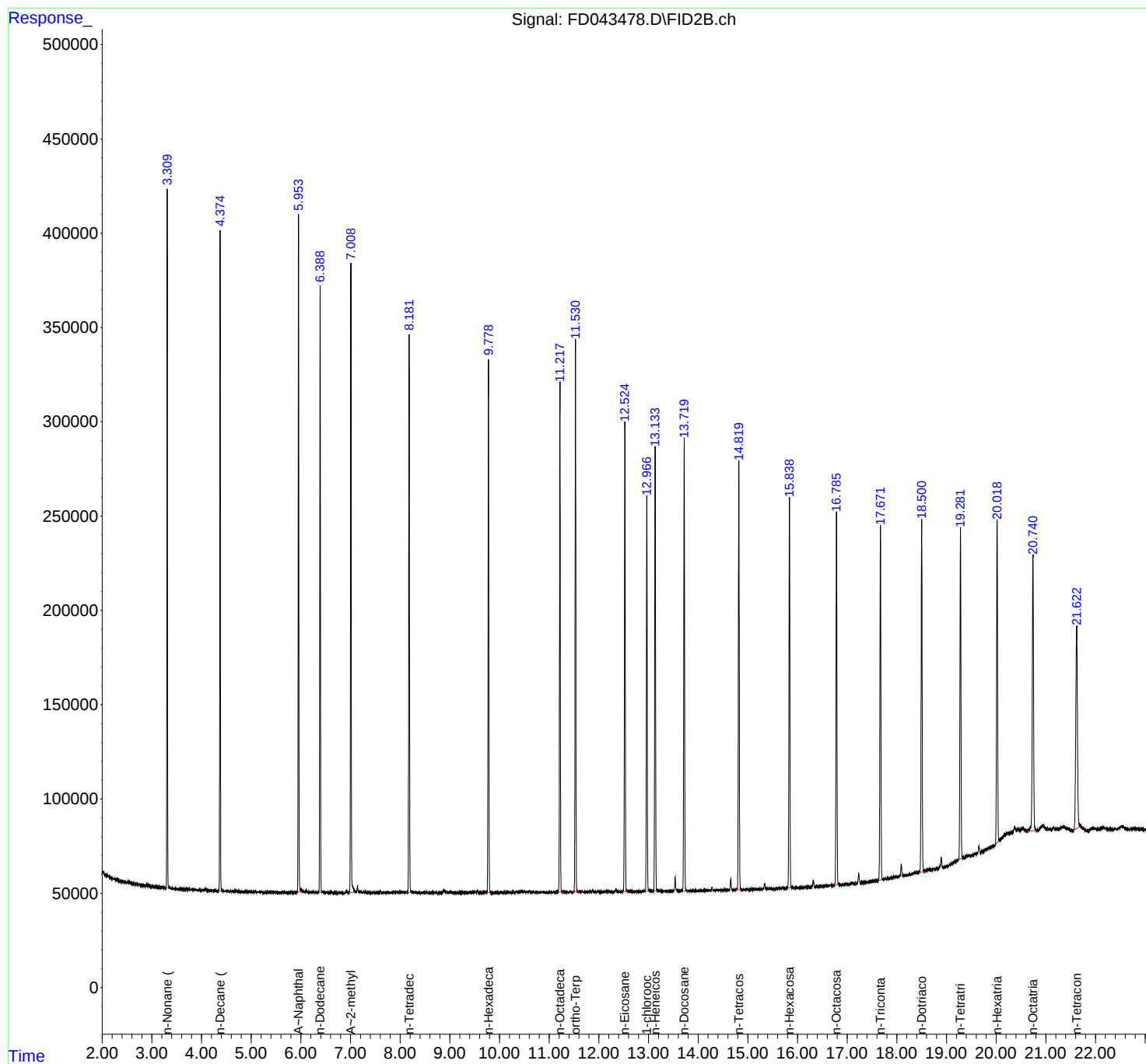
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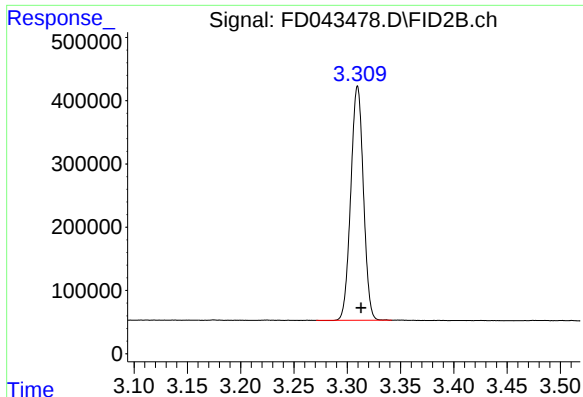
(m)=manual int.

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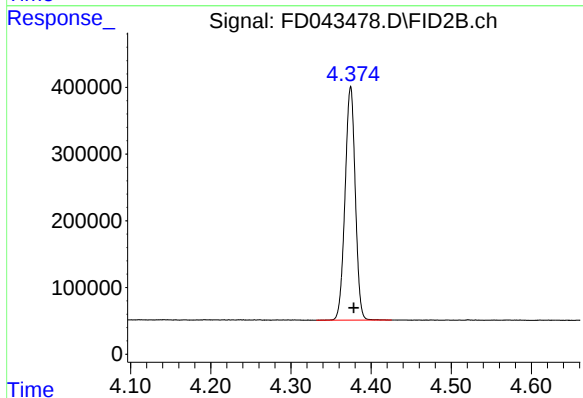
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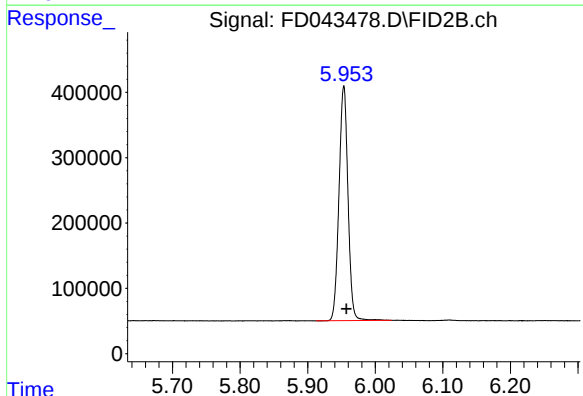
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 3054028
Conc: 21.79 ug/ml



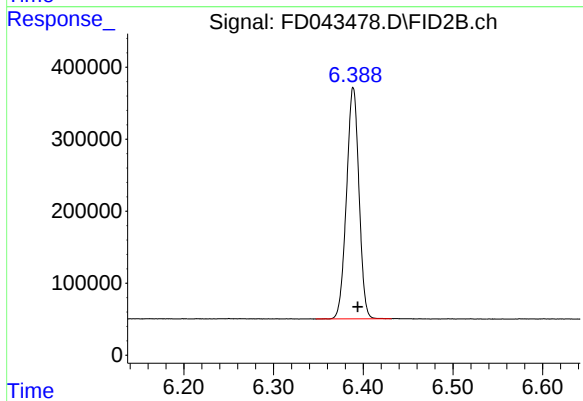
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 3093144
Conc: 22.00 ug/ml



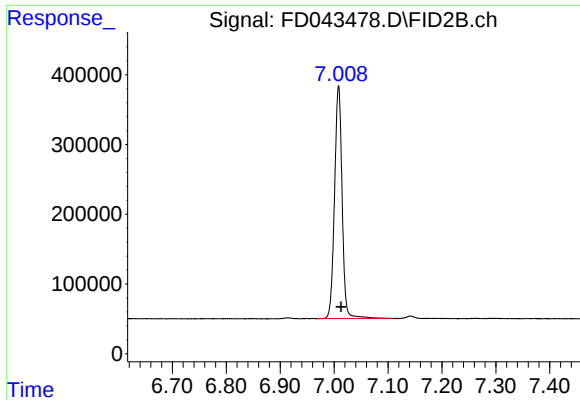
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 3320919
Conc: 21.86 ug/ml



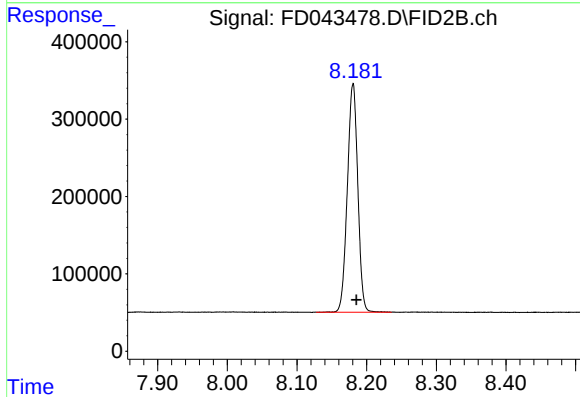
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 3104585
Conc: 21.81 ug/ml



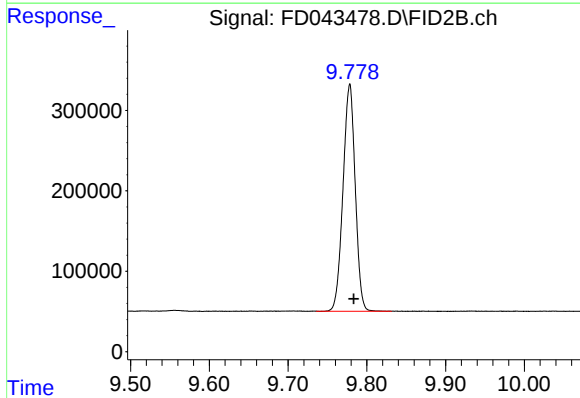
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 3268399
Conc: 21.84 ug/ml



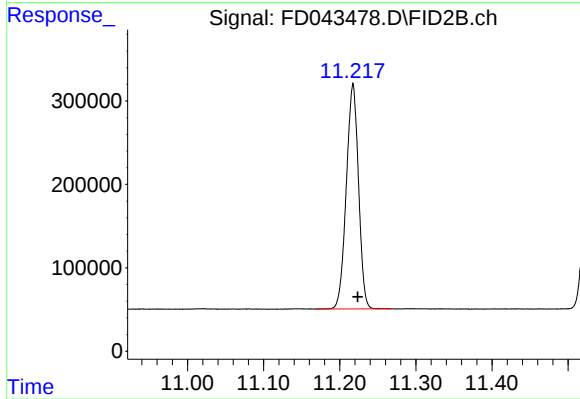
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 3080628
Conc: 21.72 ug/ml



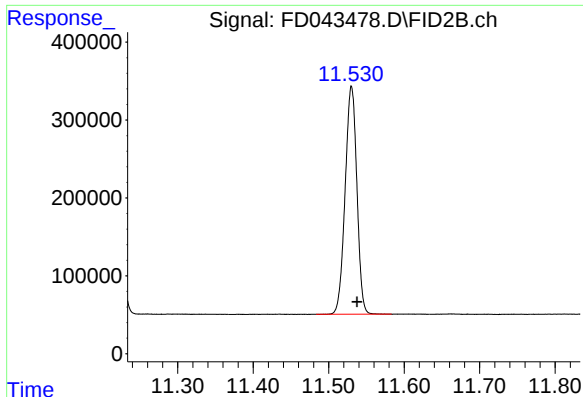
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.005 min
Response: 3047418
Conc: 21.49 ug/ml



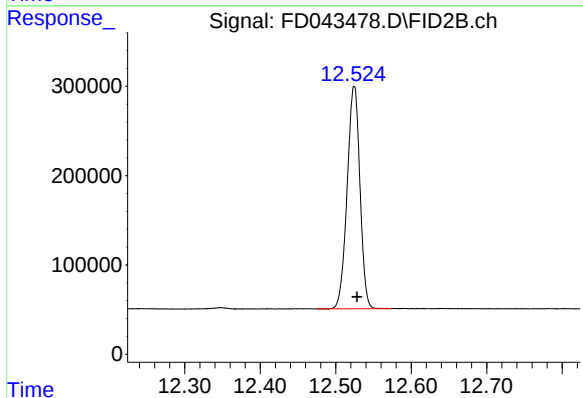
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.006 min
Response: 3006765
Conc: 21.03 ug/ml



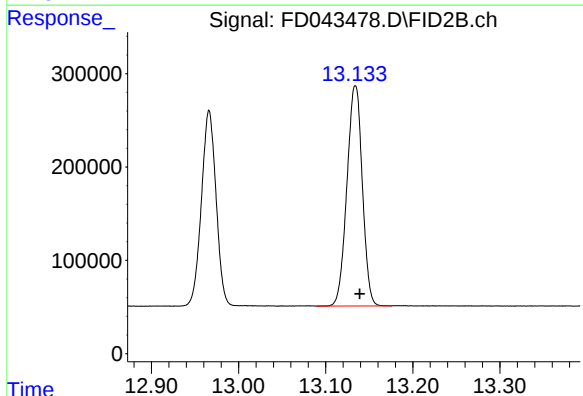
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.007 min
Response: 3163638
Conc: 19.99 ug/ml



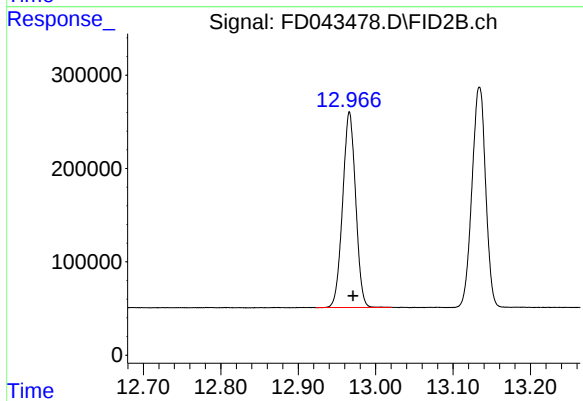
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.004 min
Response: 2935779
Conc: 20.28 ug/ml



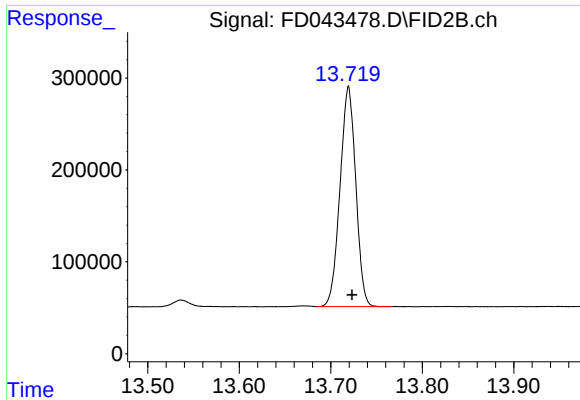
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2893366
Conc: 19.92 ug/ml



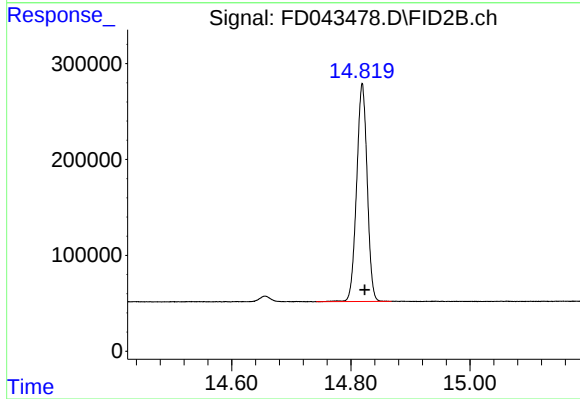
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.005 min
Response: 2444696
Conc: 19.95 ug/ml



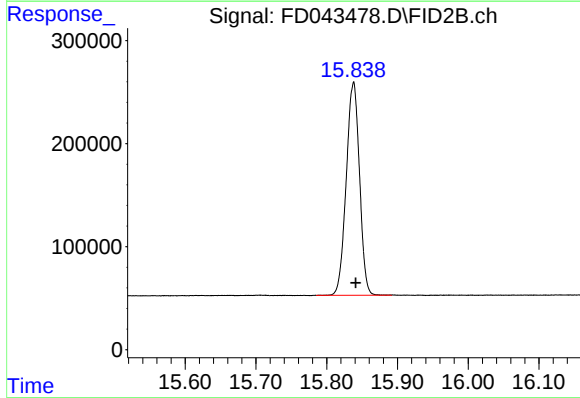
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.004 min
Response: 2862074
Conc: 19.73 ug/ml



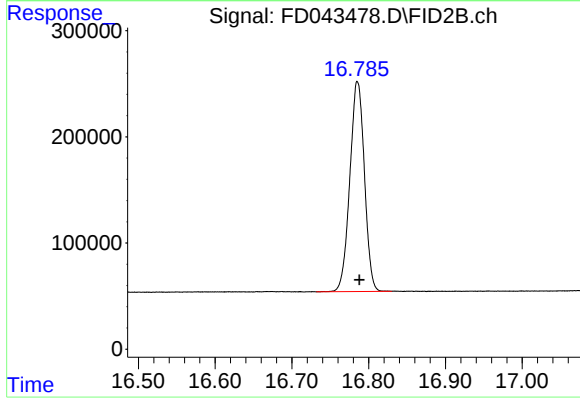
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.004 min
Response: 2789281
Conc: 19.25 ug/ml



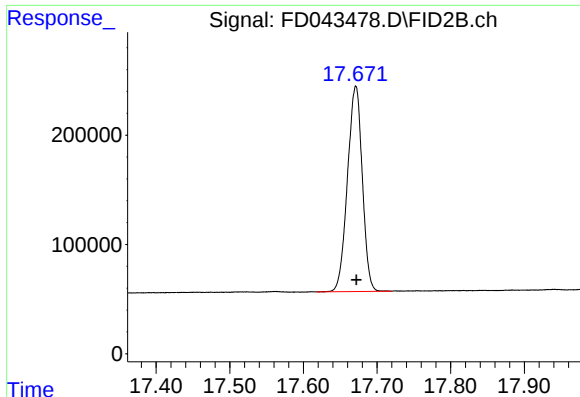
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.003 min
Response: 2695072
Conc: 18.74 ug/ml



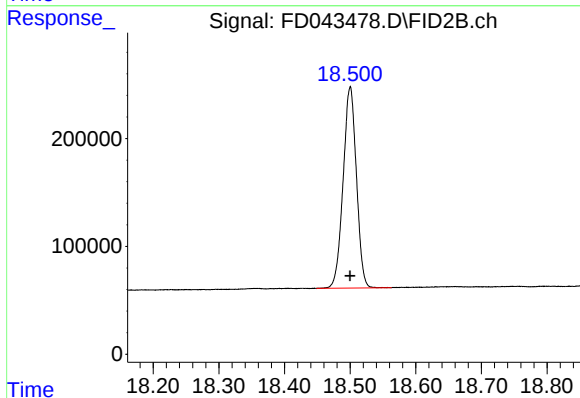
#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: -0.003 min
Response: 2609649
Conc: 18.45 ug/ml



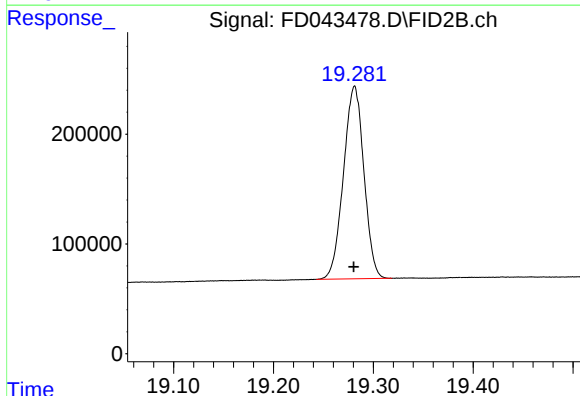
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: 0.000 min
Response: 2623397
Conc: 18.59 ug/ml



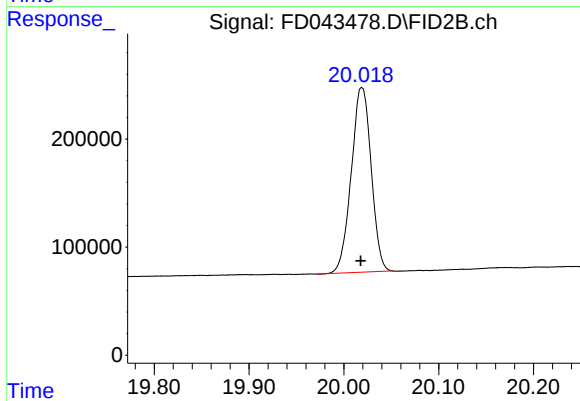
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2629164
Conc: 19.01 ug/ml



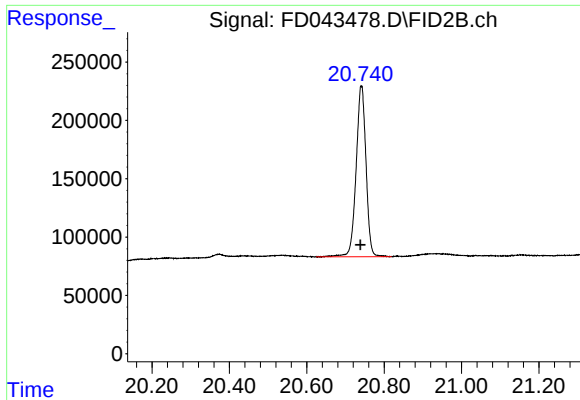
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.000 min
Response: 2495960
Conc: 19.40 ug/ml m



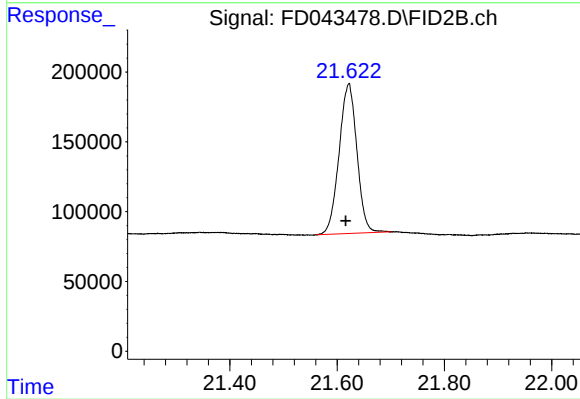
#20 n-Hexatriacontane (C36)

R.T.: 20.019 min
Delta R.T.: 0.000 min
Response: 2491767
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.003 min
Response: 2598825
Conc: 21.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: 0.006 min
Response: 2473763
Conc: 21.88 ug/ml m