

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
 Data File : FD043229.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2022 20:17
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:06:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 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)	11.533	3583913	20.236 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	12.967	2587356	18.688 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.312	3105871	20.714 ug/ml
2) T n-Decane (C10)	4.378	3018458	20.224 ug/ml
3) T A~Naphthalene (C11.7)	5.957	3513459	20.724 ug/ml
4) T n-Dodecane (C12)	6.393	3191774	20.880 ug/ml
5) T A~2-methylnaphthalene...	7.012	3526774	20.529 ug/ml
6) T n-Tetradecane (C14)	8.184	3176739	20.645 ug/ml
7) T n-Hexadecane (C16)	9.781	3182690	20.367 ug/ml
8) T n-Octadecane (C18)	11.220	3233077	20.409 ug/ml
10) T n-Eicosane (C20)	12.525	3239642	20.409 ug/ml
11) T n-Heneicosane (C21)	13.135	3187362	19.963 ug/ml
13) T n-Docosane (C22)	13.719	3278717	20.521 ug/ml
14) T n-Tetracosane (C24)	14.819	3358599	20.918 ug/ml
15) T n-Hexacosane (C26)	15.836	3379971	21.275 ug/ml
16) T n-Octacosane (C28)	16.782	3410496	21.763 ug/ml
17) T n-Tricontane (C30)	17.666	3301600	21.755 ug/ml
18) T n-Dotriacontane (C32)	18.496	2971311	21.102 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2518399	19.777 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2117061	18.390 ug/ml
21) T n-Octatriacontane (C38)	20.732	1719165	15.960 ug/ml
22) T n-Tetracontane (C40)	21.609f	1378840	12.972 ug/ml

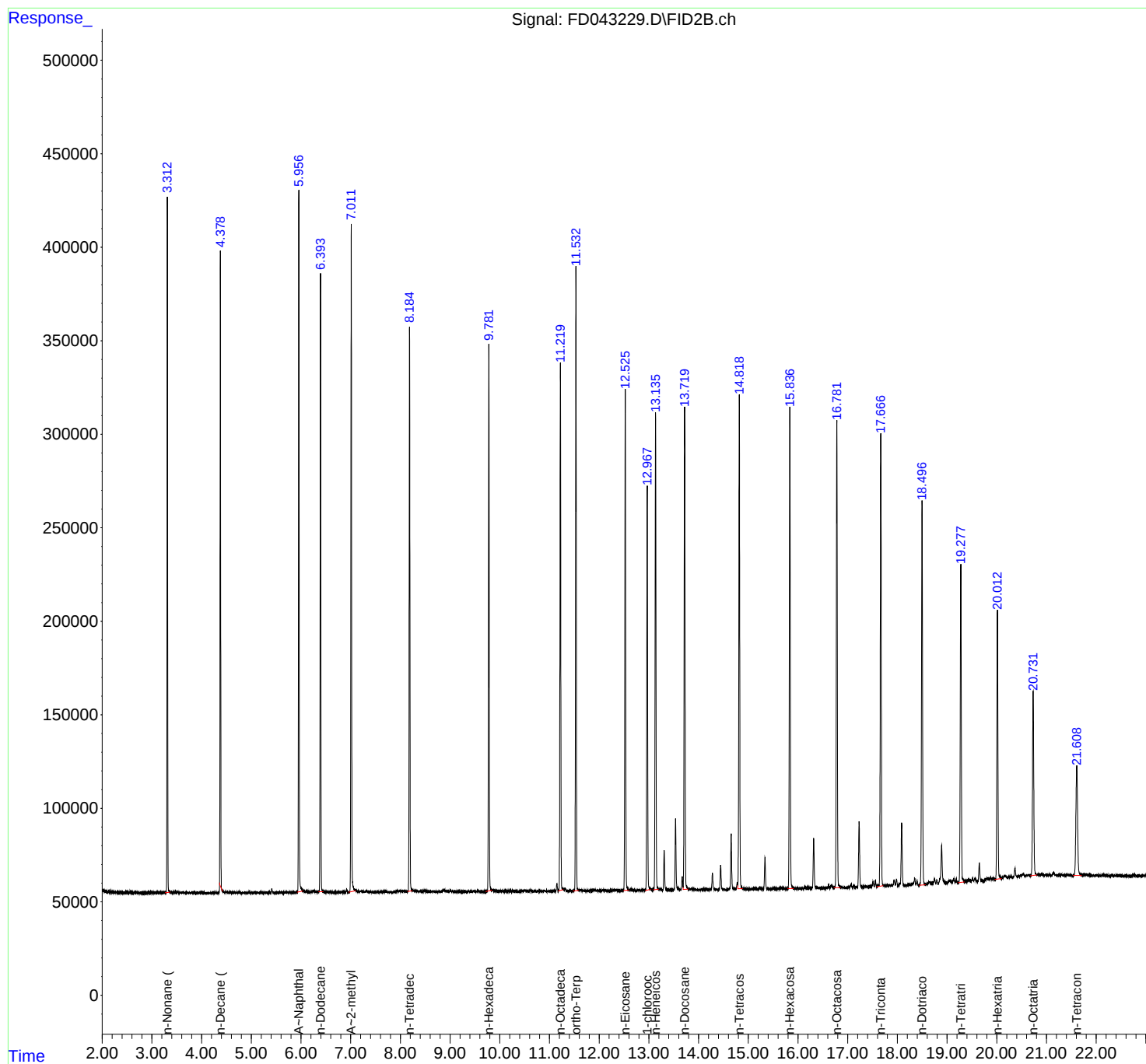
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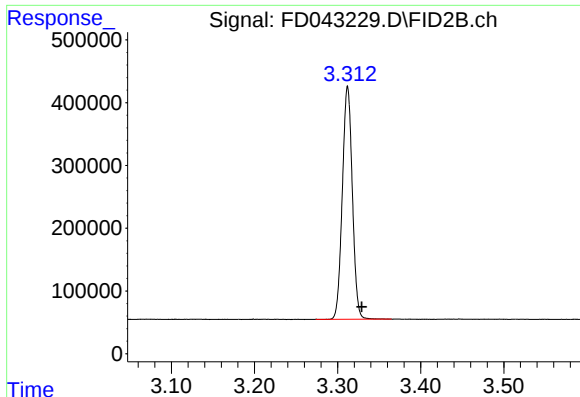
(m)=manual int.

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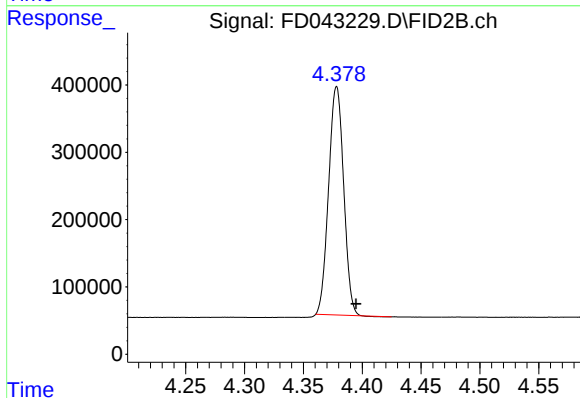
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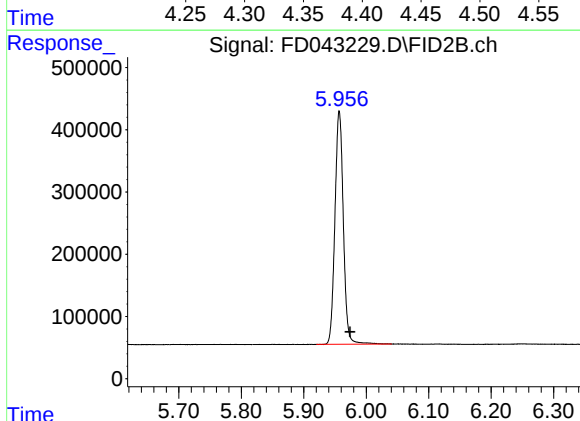
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.017 min
Response: 3105871
Conc: 20.71 ug/ml



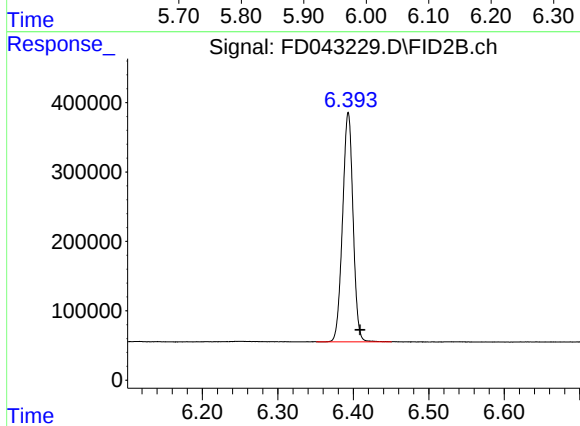
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.016 min
Response: 3018458
Conc: 20.22 ug/ml



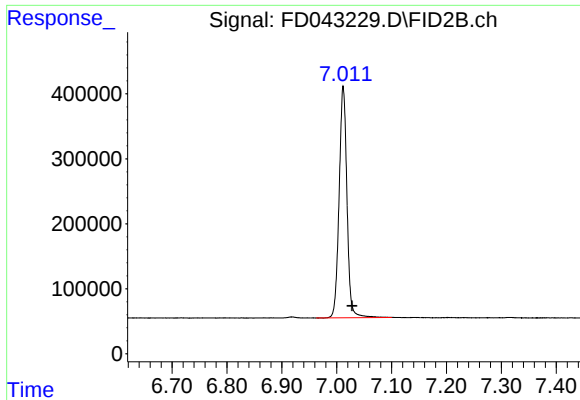
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.018 min
Response: 3513459
Conc: 20.72 ug/ml



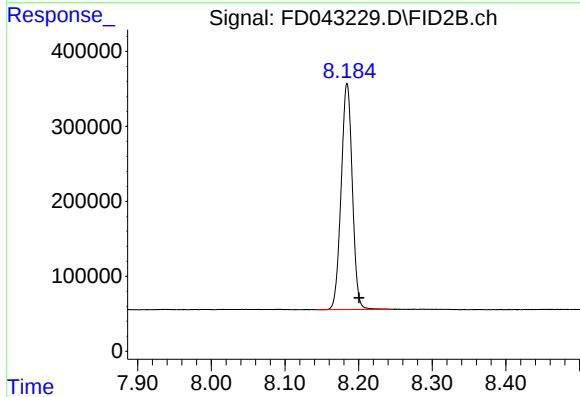
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.016 min
Response: 3191774
Conc: 20.88 ug/ml



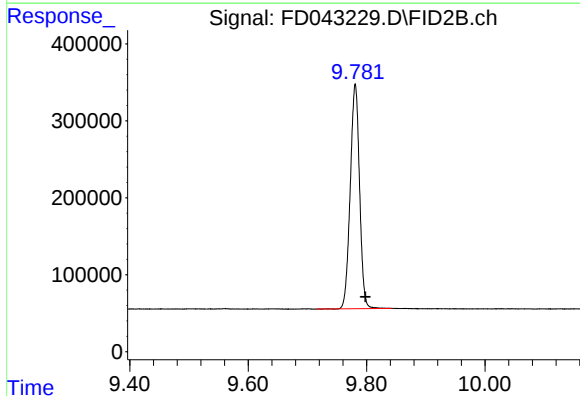
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.016 min
Response: 3526774
Conc: 20.53 ug/ml



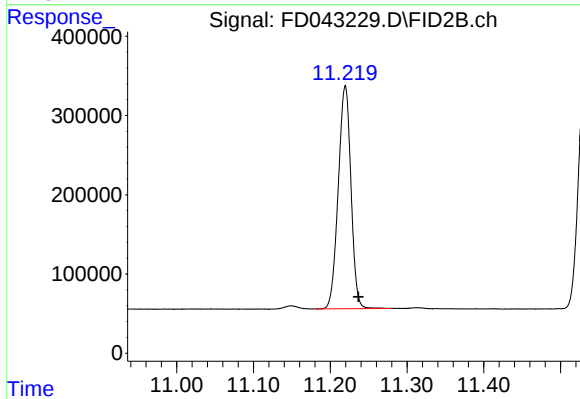
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.016 min
Response: 3176739
Conc: 20.65 ug/ml



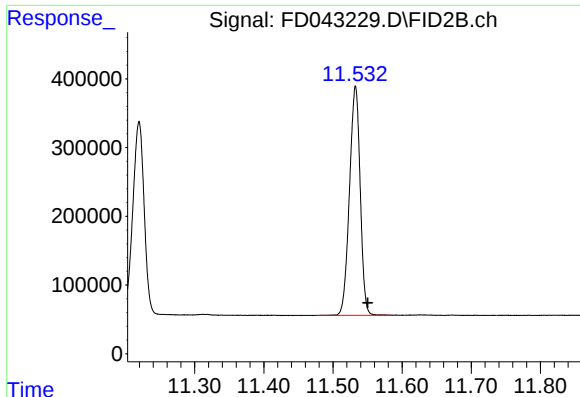
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.017 min
Response: 3182690
Conc: 20.37 ug/ml



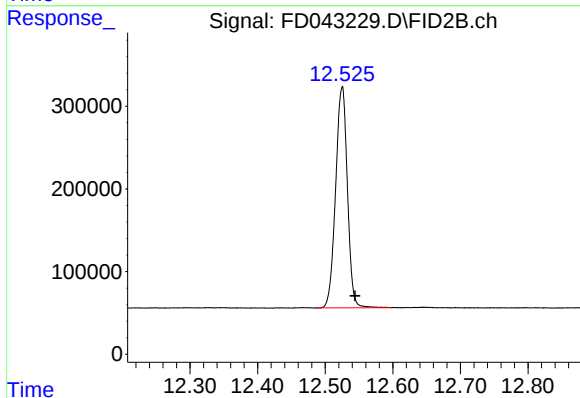
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.017 min
Response: 3233077
Conc: 20.41 ug/ml



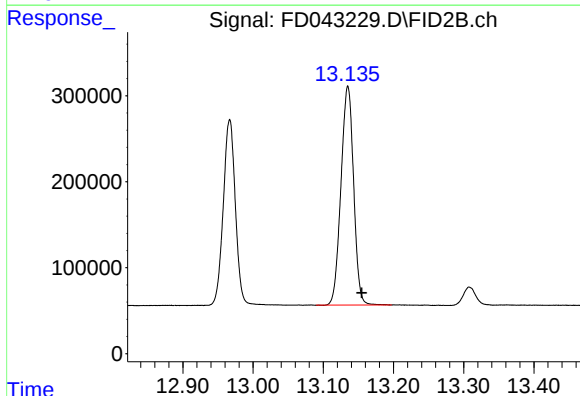
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.018 min
Response: 3583913
Conc: 20.24 ug/ml



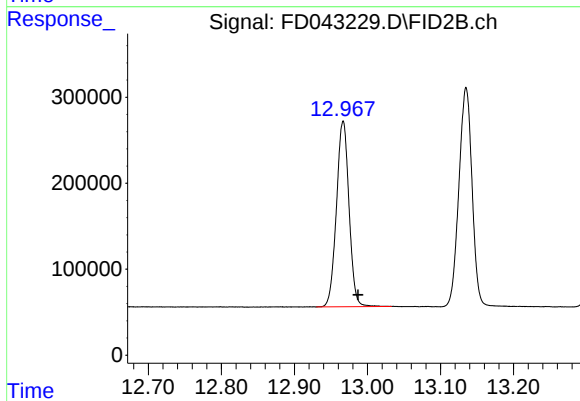
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.019 min
Response: 3239642
Conc: 20.41 ug/ml



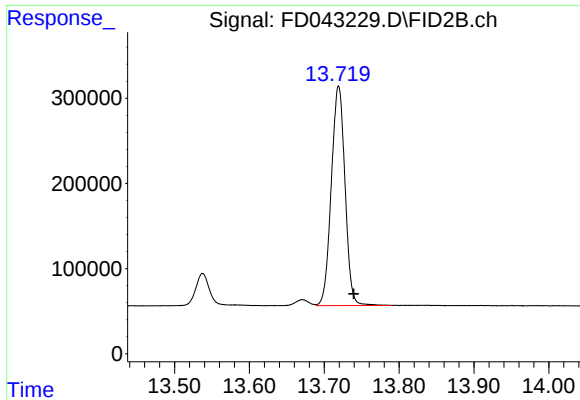
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.020 min
Response: 3187362
Conc: 19.96 ug/ml



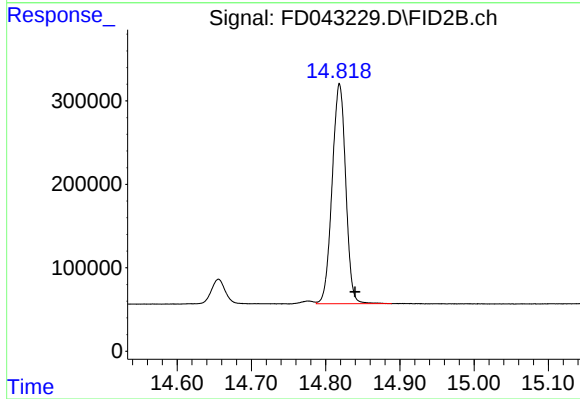
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.020 min
Response: 2587356
Conc: 18.69 ug/ml



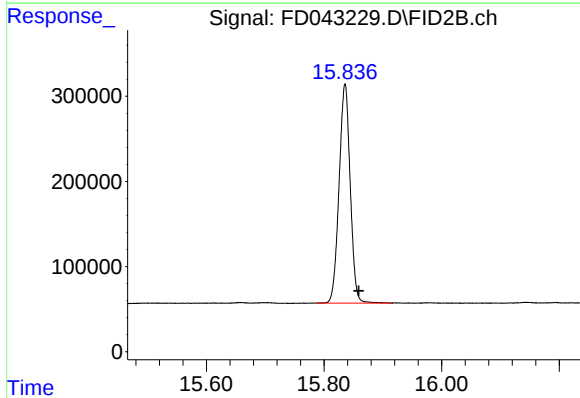
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.020 min
Response: 3278717
Conc: 20.52 ug/ml



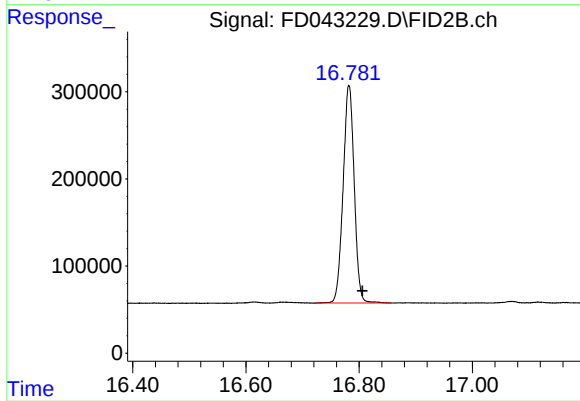
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.021 min
Response: 3358599
Conc: 20.92 ug/ml



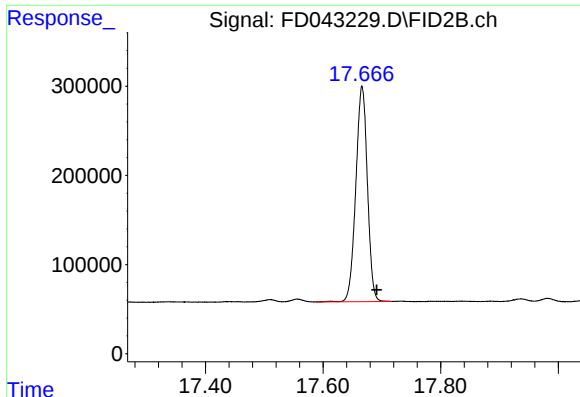
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.023 min
Response: 3379971
Conc: 21.27 ug/ml



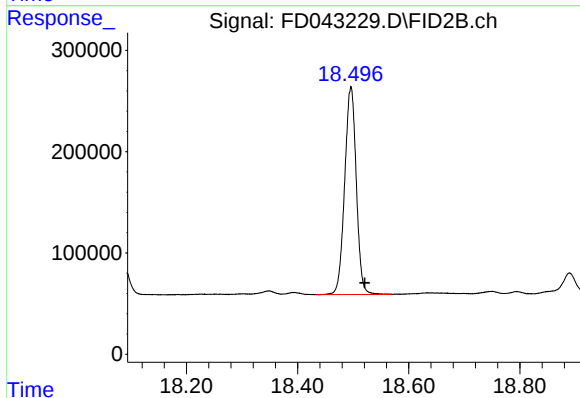
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.024 min
Response: 3410496
Conc: 21.76 ug/ml



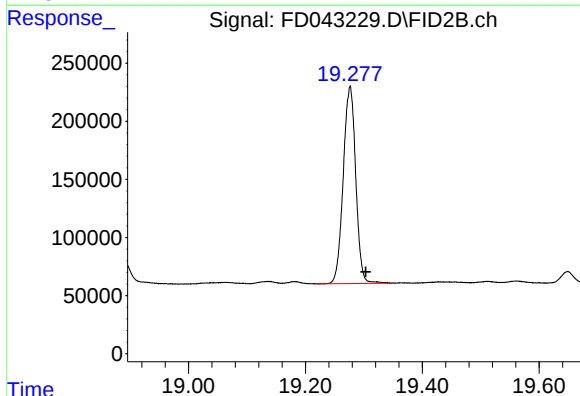
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.025 min
Response: 3301600
Conc: 21.76 ug/ml



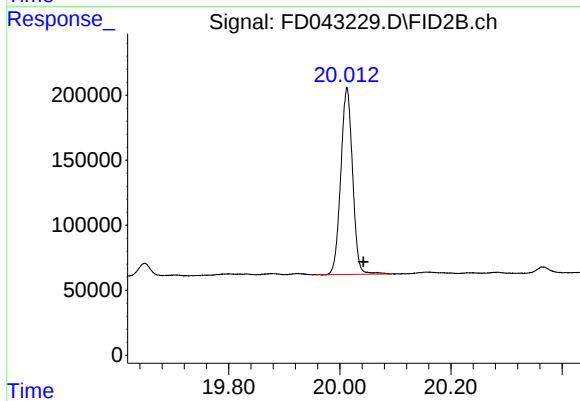
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.025 min
Response: 2971311
Conc: 21.10 ug/ml



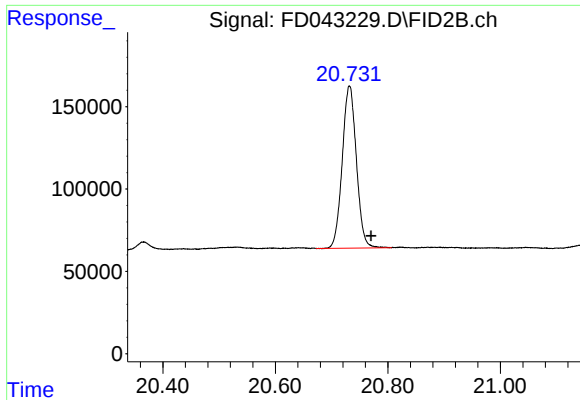
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: -0.027 min
Response: 2518399
Conc: 19.78 ug/ml



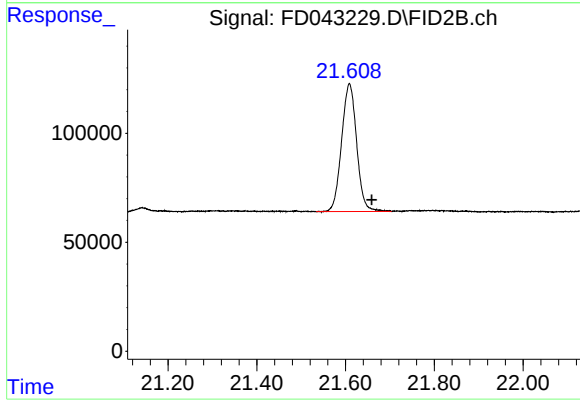
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.029 min
Response: 2117061
Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.038 min
Response: 1719165
Conc: 15.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.050 min
Response: 1378840
Conc: 12.97 ug/ml