

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
 Data File : FD043224.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2022 16:00
 Operator : YP/AJ
 Sample : N3214-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:05:05 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)	11.530	459121	2.592 ug/ml
Spiked Amount 50.000		Recovery =	5.18%
12) S 1-chlorooctadecane (S...	12.968	4600289	33.226 ug/ml
Spiked Amount 50.000		Recovery =	66.45%
Target Compounds			
1) T n-Nonane (C9)	3.314	426565	2.845 ug/ml
2) T n-Decane (C10)	4.379	539644	3.616 ug/ml
4) T n-Dodecane (C12)	6.393	880394	5.759 ug/ml
6) T n-Tetradecane (C14)	8.184	688194	4.473 ug/ml
7) T n-Hexadecane (C16)	9.780	689887	4.415 ug/ml
8) T n-Octadecane (C18)	11.217	771095	4.868 ug/ml
10) T n-Eicosane (C20)	12.523	835260	5.262 ug/ml
11) T n-Heneicosane (C21)	13.134	827827	5.185 ug/ml
13) T n-Docosane (C22)	13.718	955582	5.981 ug/ml
14) T n-Tetracosane (C24)	14.818	1301740	8.107 ug/ml
15) T n-Hexacosane (C26)	15.836	1239545	7.802 ug/ml
16) T n-Octacosane (C28)	16.781	1403183	8.954 ug/ml
17) T n-Tricontane (C30)	17.665	1484515	9.782 ug/ml
18) T n-Dotriacontane (C32)	18.494	1339314	9.512 ug/ml
19) T n-Tetratriacontane (C34)	19.275	981421	7.707 ug/ml
20) T n-Hexatriacontane (C36)	20.011	631227	5.483 ug/ml
21) T n-Octatriacontane (C38)	20.731	457078	4.243 ug/ml
22) T n-Tetracontane (C40)	21.604f	362227	3.408 ug/ml

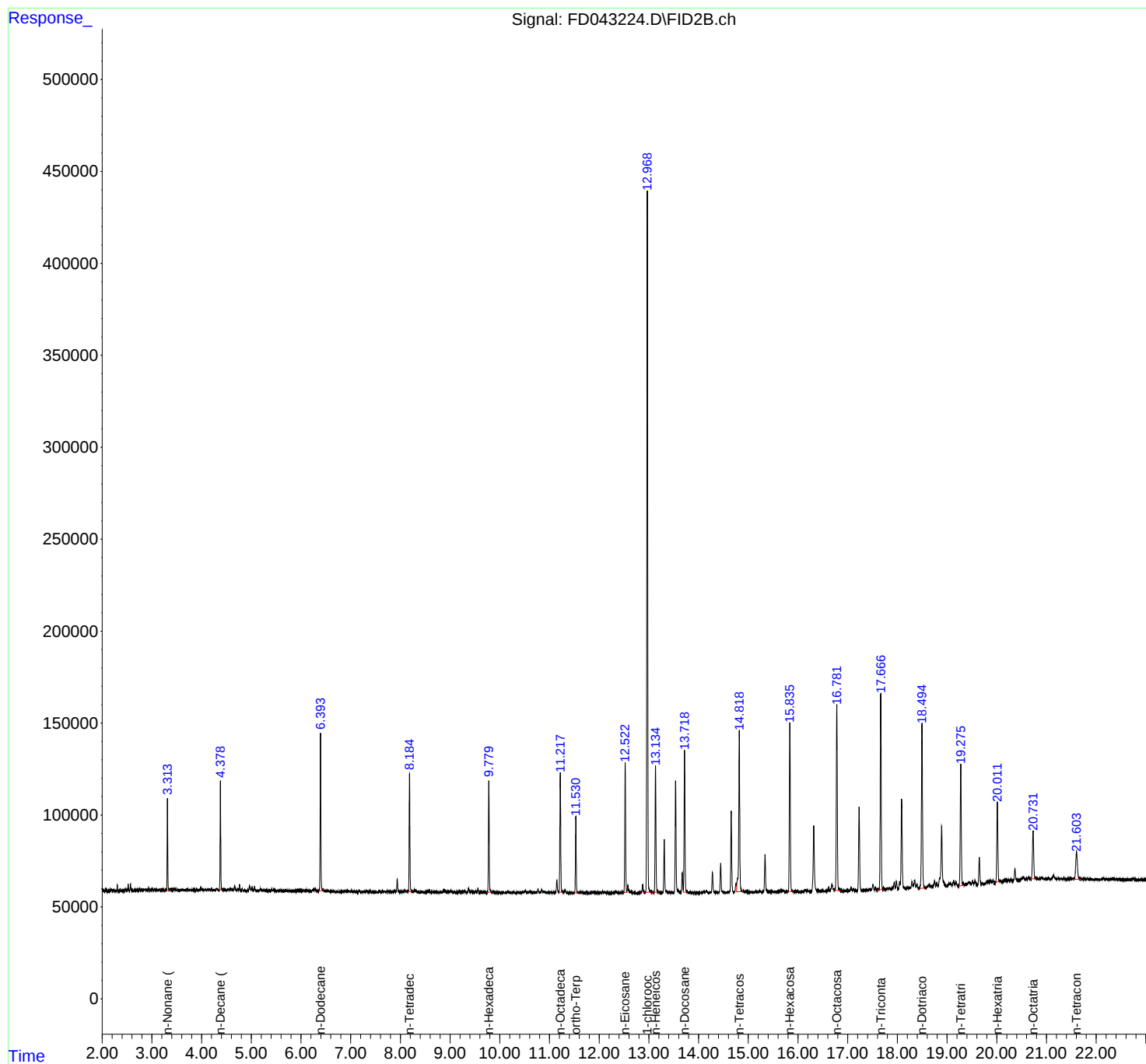
(f)=RT Delta > 1/2 Window

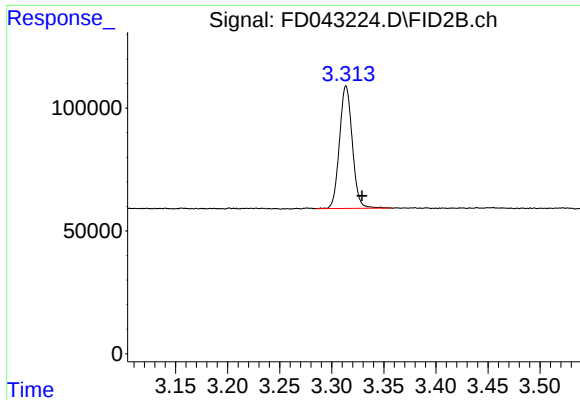
(m)=manual int.

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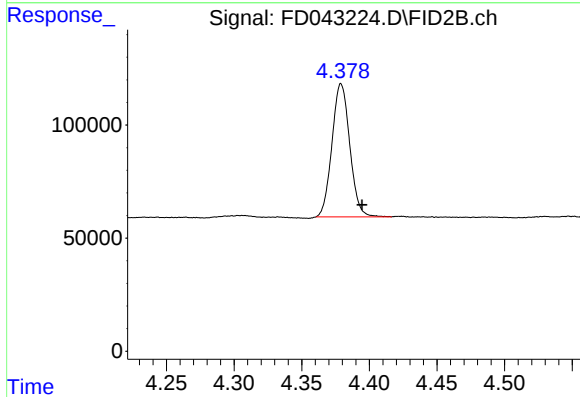
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Signal Info : 20M x 0.18mm x 0.18um





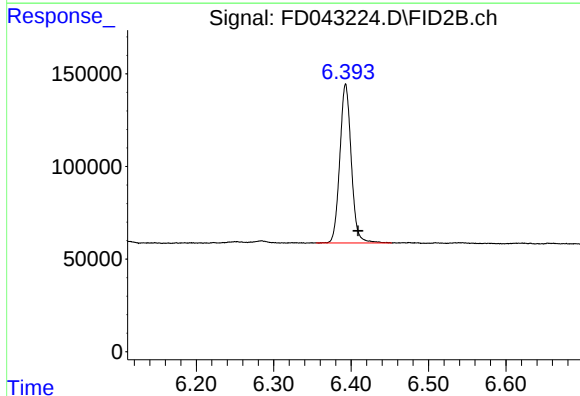
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.015 min
Response: 426565
Conc: 2.84 ug/ml



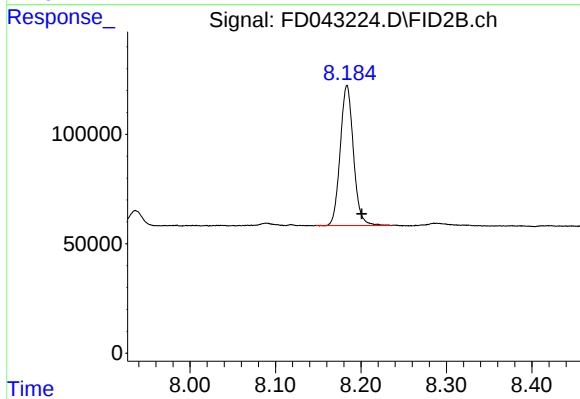
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.016 min
Response: 539644
Conc: 3.62 ug/ml



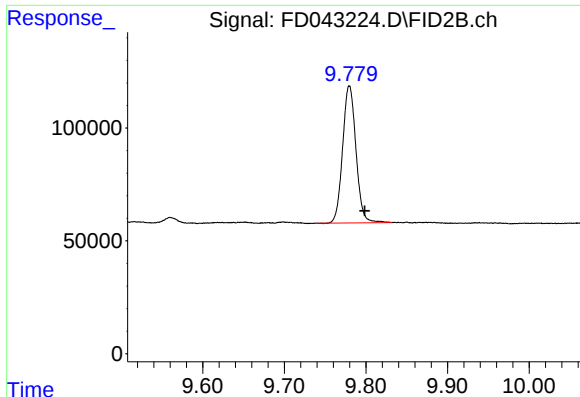
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.016 min
Response: 880394
Conc: 5.76 ug/ml



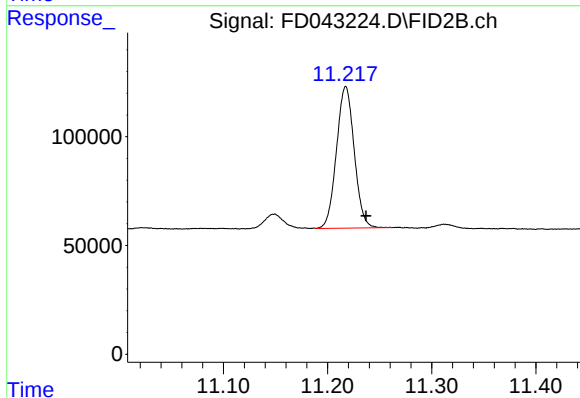
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.017 min
Response: 688194
Conc: 4.47 ug/ml



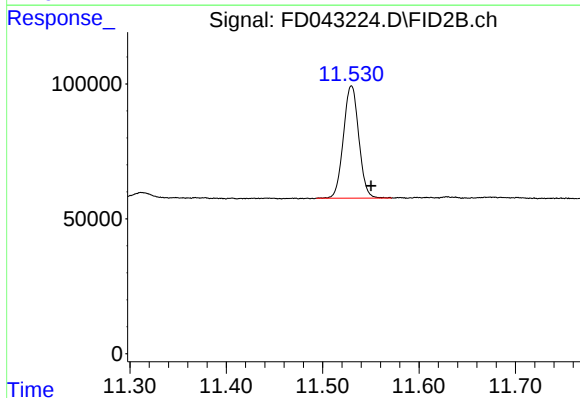
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.019 min
Response: 689887
Conc: 4.41 ug/ml



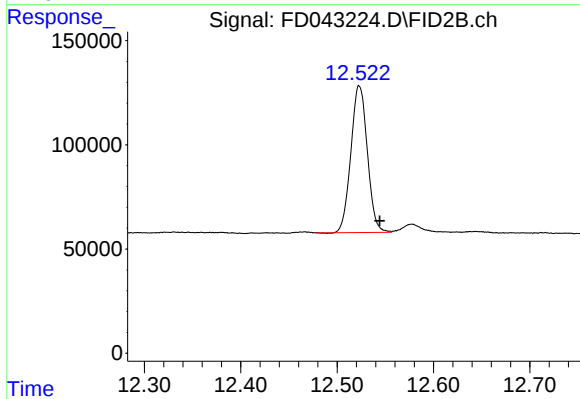
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.019 min
Response: 771095
Conc: 4.87 ug/ml



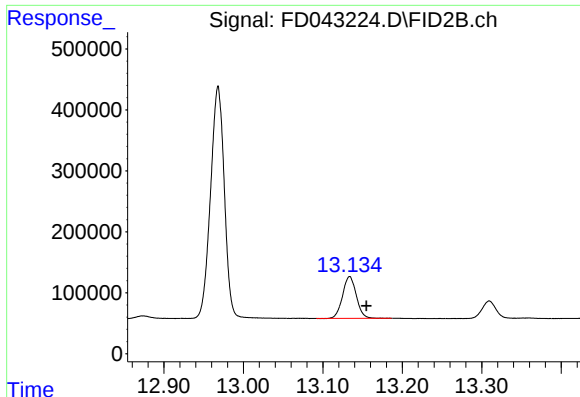
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.020 min
Response: 459121
Conc: 2.59 ug/ml



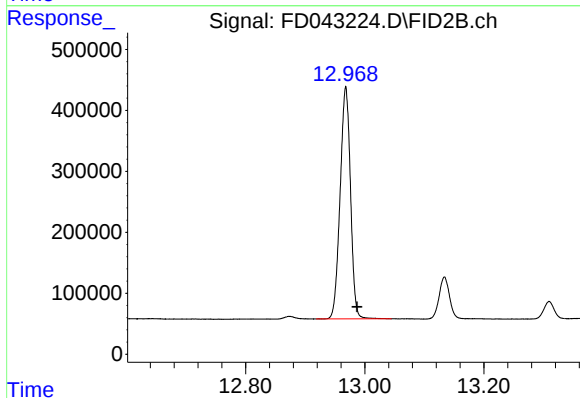
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.021 min
Response: 835260
Conc: 5.26 ug/ml



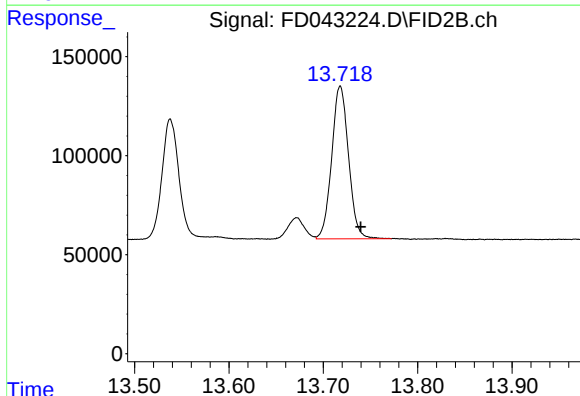
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.021 min
Response: 827827
Conc: 5.18 ug/ml



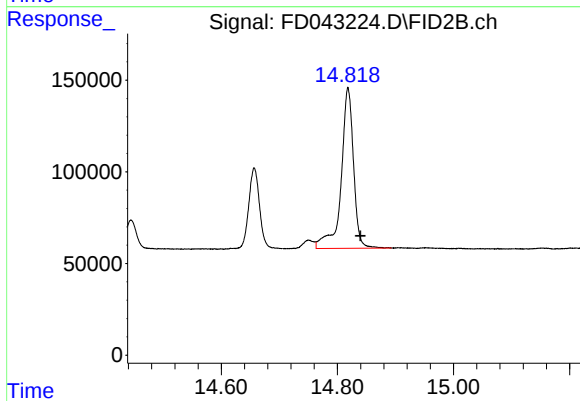
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.019 min
Response: 4600289
Conc: 33.23 ug/ml



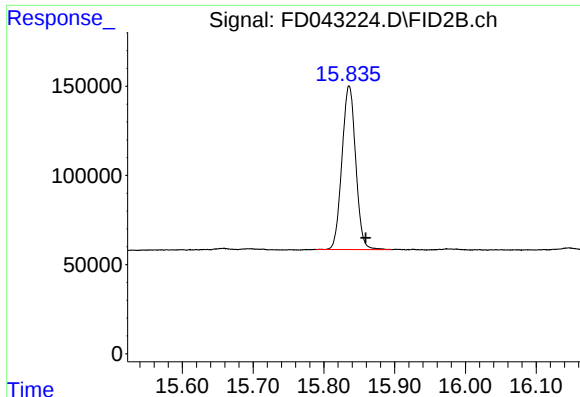
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.022 min
Response: 955582
Conc: 5.98 ug/ml



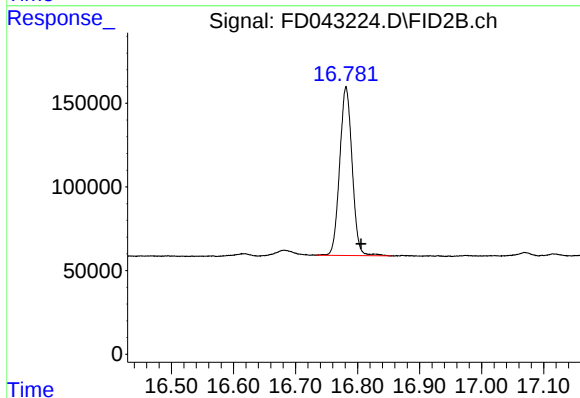
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.021 min
Response: 1301740
Conc: 8.11 ug/ml



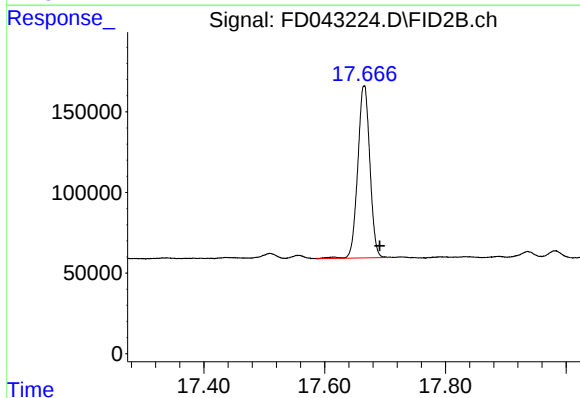
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.023 min
Response: 1239545
Conc: 7.80 ug/ml



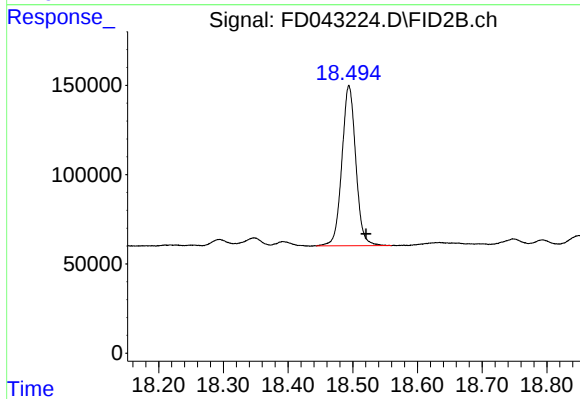
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.024 min
Response: 1403183
Conc: 8.95 ug/ml



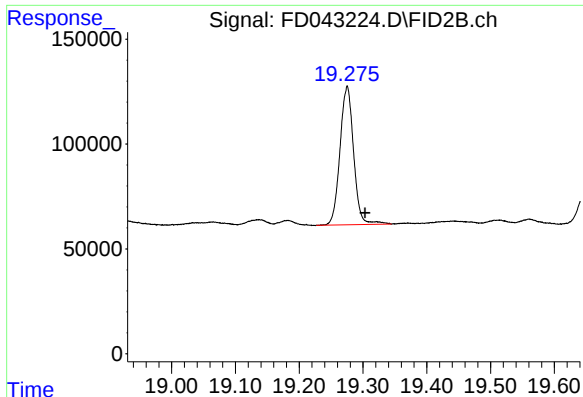
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.026 min
Response: 1484515
Conc: 9.78 ug/ml



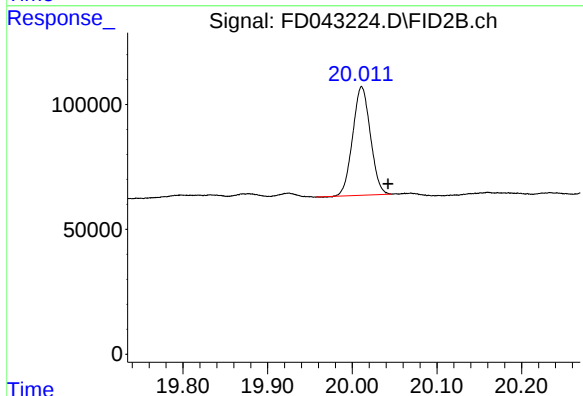
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: -0.027 min
Response: 1339314
Conc: 9.51 ug/ml



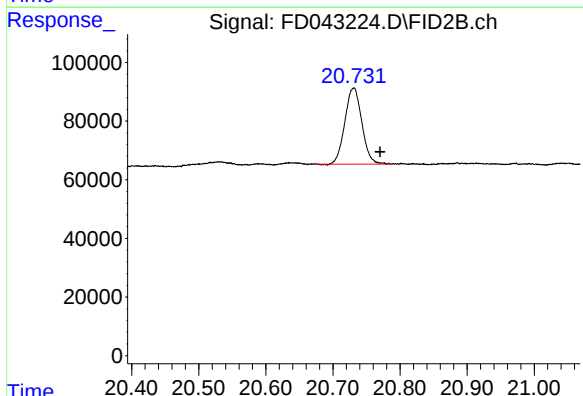
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: -0.028 min
Response: 981421
Conc: 7.71 ug/ml



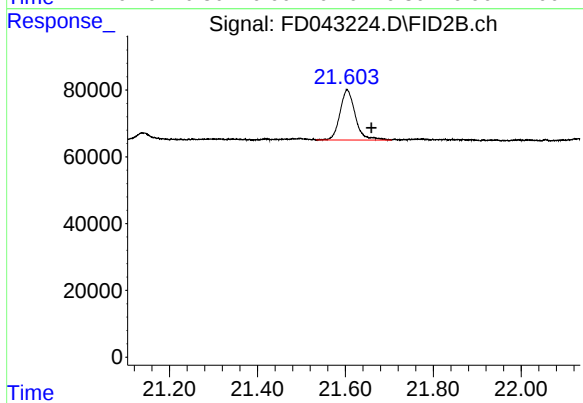
#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: -0.031 min
Response: 631227
Conc: 5.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.039 min
Response: 457078
Conc: 4.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.055 min
Response: 362227
Conc: 3.41 ug/ml