

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081122AL\
 Data File : FD043545.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2022 15:25
 Operator : YP/AJ
 Sample : N3980-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 17:05:37 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			
12) S 1-chlorooctadecane (S...	12.958	3450731	28.155 ug/ml
Spiked Amount 50.000		Recovery =	56.31%
Target Compounds			
1) T n-Nonane (C9)	3.297	304430	2.172 ug/ml
2) T n-Decane (C10)	4.363	371525	2.642 ug/ml
4) T n-Dodecane (C12)	6.378	478071	3.359 ug/ml
6) T n-Tetradecane (C14)	8.170	456757	3.220 ug/ml
7) T n-Hexadecane (C16)	9.767	439663	3.100 ug/ml
8) T n-Octadecane (C18)	11.205	479214	3.351 ug/ml
10) T n-Eicosane (C20)	12.512	486189	3.358 ug/ml
11) T n-Heneicosane (C21)	13.124	483315	3.328 ug/ml
13) T n-Docosane (C22)	13.708	482063	3.323 ug/ml
14) T n-Tetracosane (C24)	14.809	489355	3.378 ug/ml
15) T n-Hexacosane (C26)	15.828	466478	3.243 ug/ml
16) T n-Octacosane (C28)	16.773	471823	3.335 ug/ml
17) T n-Tricontane (C30)	17.659	487181	3.452 ug/ml
18) T n-Dotriacontane (C32)	18.487	495560	3.584 ug/ml
19) T n-Tetratriacontane (C34)	19.269	475257	3.693 ug/ml
20) T n-Hexatriacontane (C36)	20.007	448109	3.633 ug/ml
21) T n-Octatriacontane (C38)	20.727	423459	3.581 ug/ml
22) T n-Tetracontane (C40)	21.599	408568	3.613 ug/ml

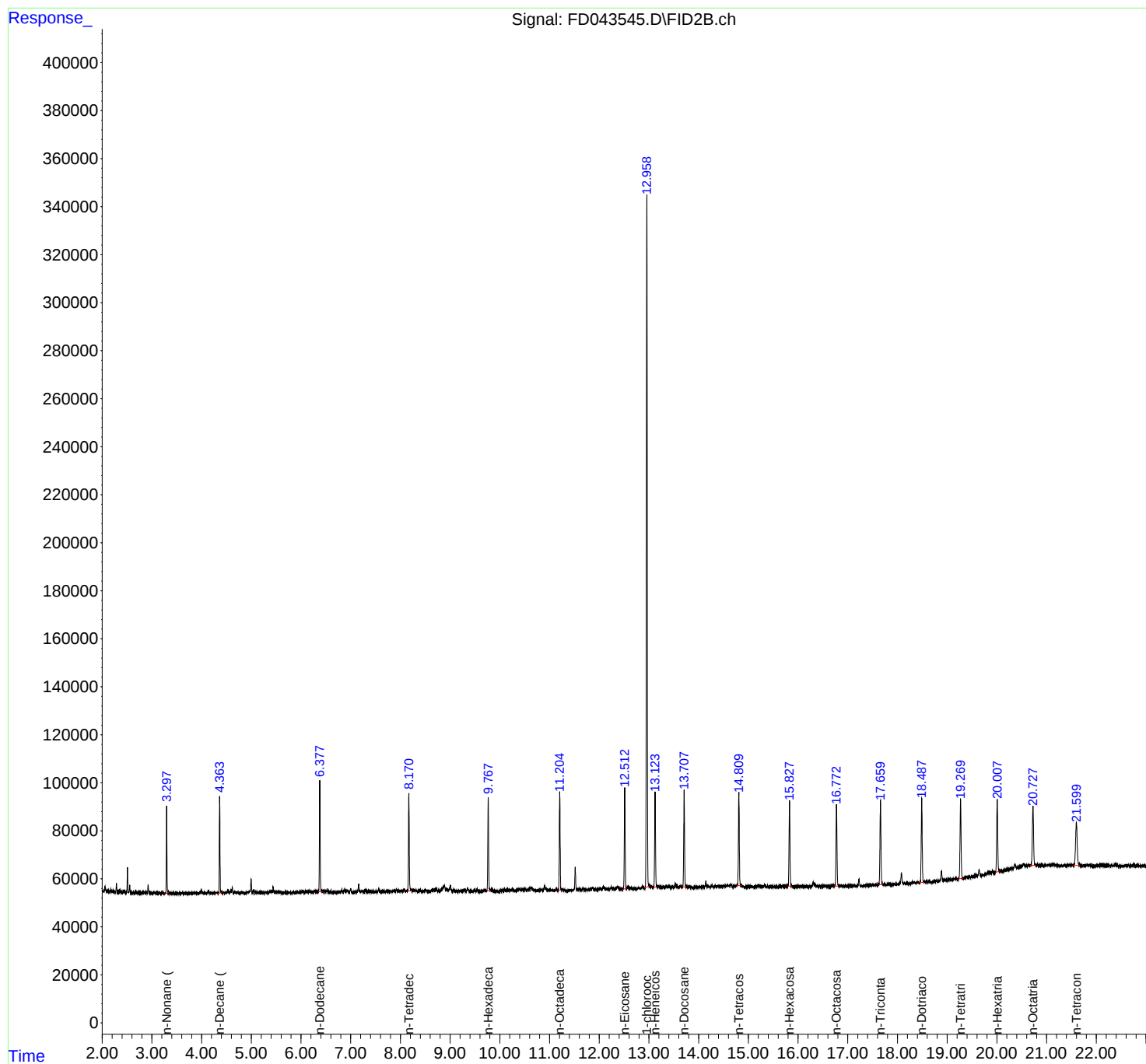
(f)=RT Delta > 1/2 Window

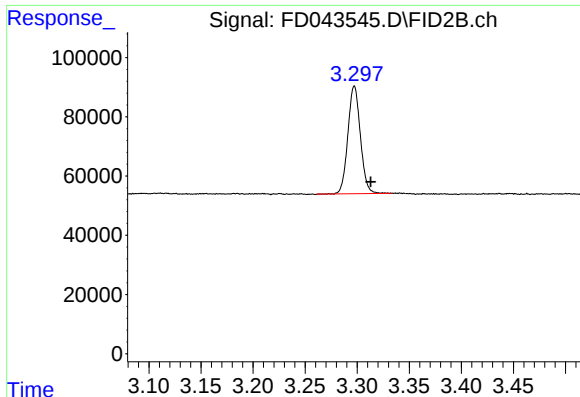
(m)=manual int.

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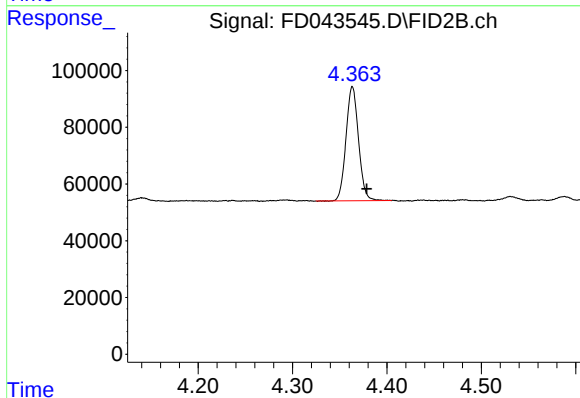
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Signal Info : 20M x 0.18mm x 0.18um





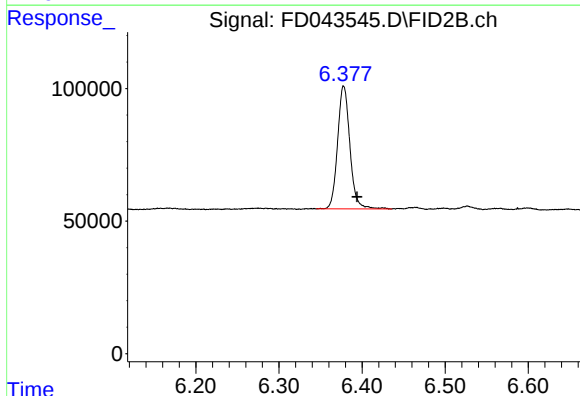
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.016 min
Response: 304430
Conc: 2.17 ug/ml



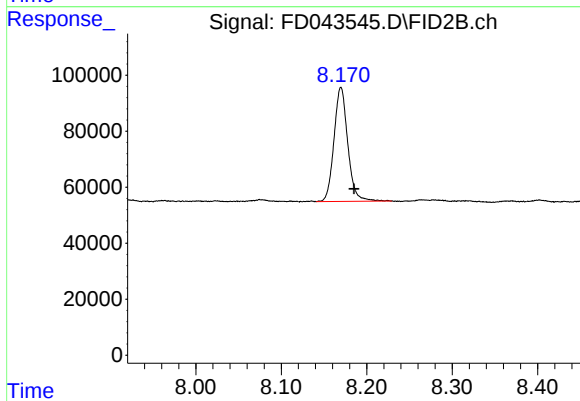
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.015 min
Response: 371525
Conc: 2.64 ug/ml



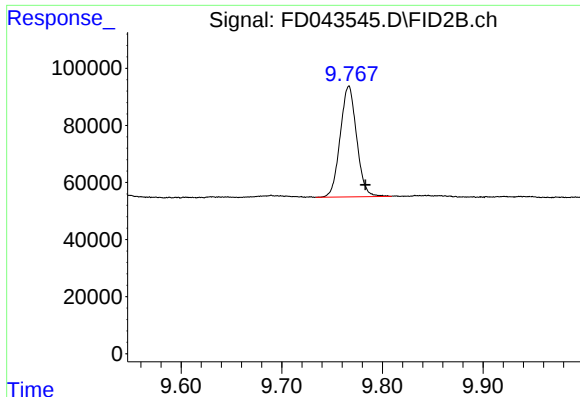
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.016 min
Response: 478071
Conc: 3.36 ug/ml



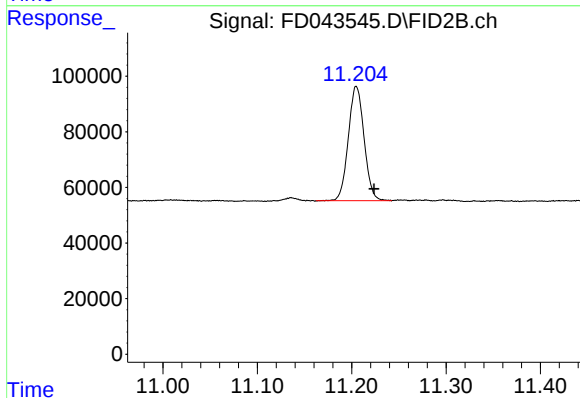
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.016 min
Response: 456757
Conc: 3.22 ug/ml



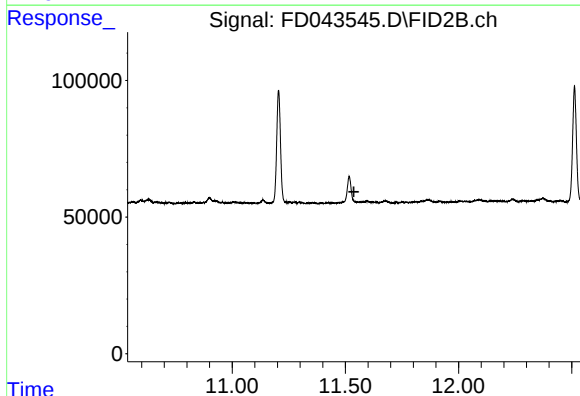
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: -0.017 min
Response: 439663
Conc: 3.10 ug/ml



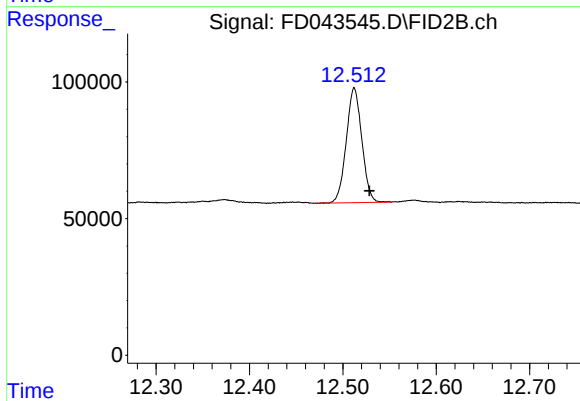
#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: -0.019 min
Response: 479214
Conc: 3.35 ug/ml



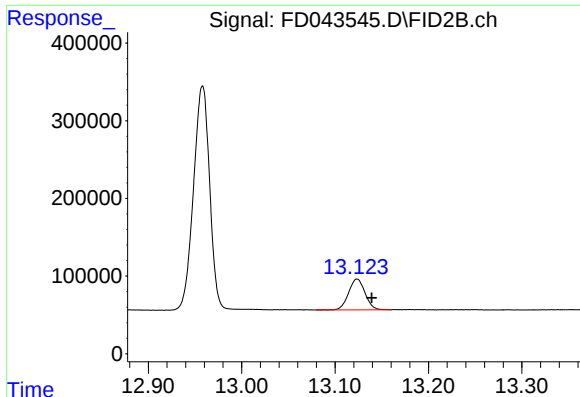
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



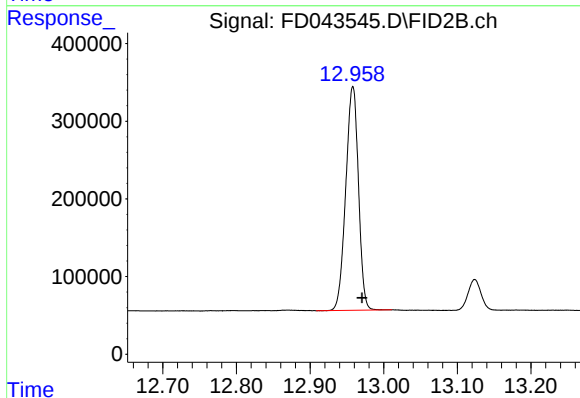
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.016 min
Response: 486189
Conc: 3.36 ug/ml



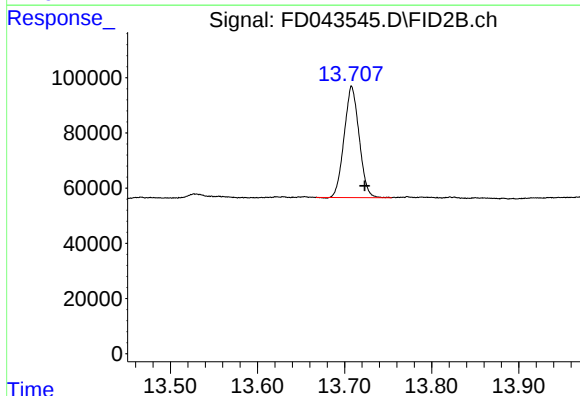
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.016 min
Response: 483315
Conc: 3.33 ug/ml



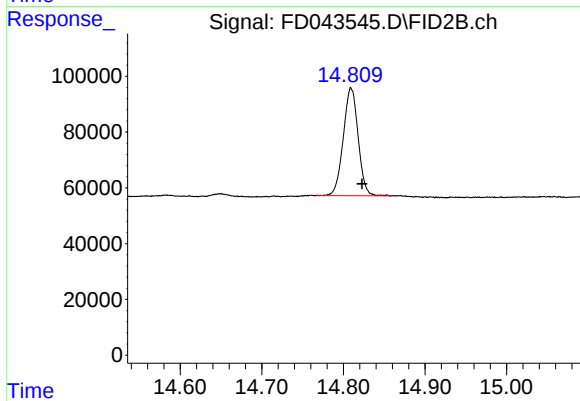
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.013 min
Response: 3450731
Conc: 28.16 ug/ml



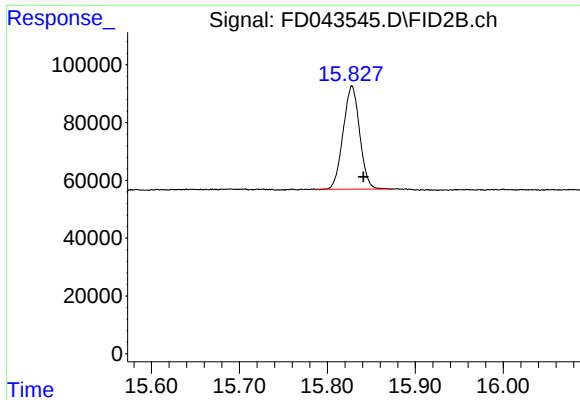
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.015 min
Response: 482063
Conc: 3.32 ug/ml



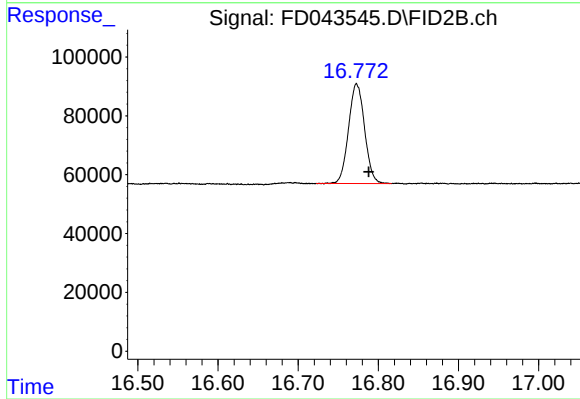
#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: -0.014 min
Response: 489355
Conc: 3.38 ug/ml



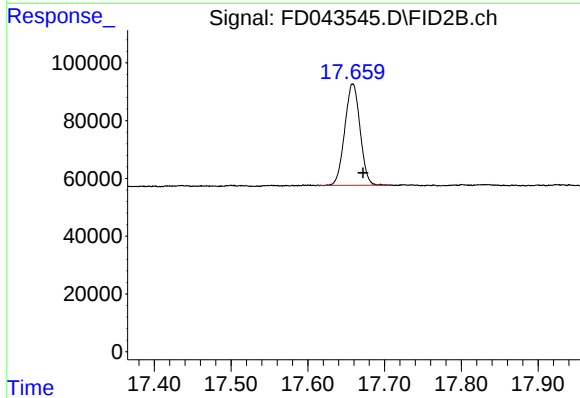
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.013 min
Response: 466478
Conc: 3.24 ug/ml



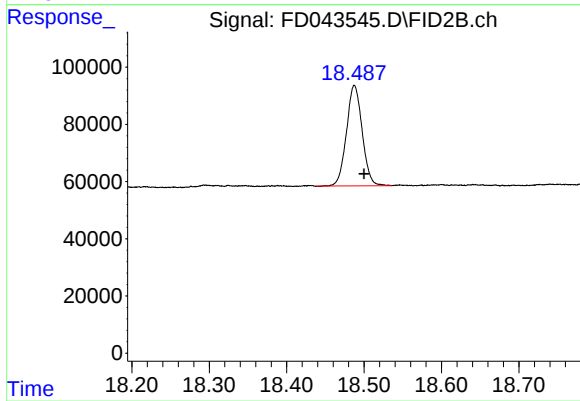
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: -0.015 min
Response: 471823
Conc: 3.34 ug/ml



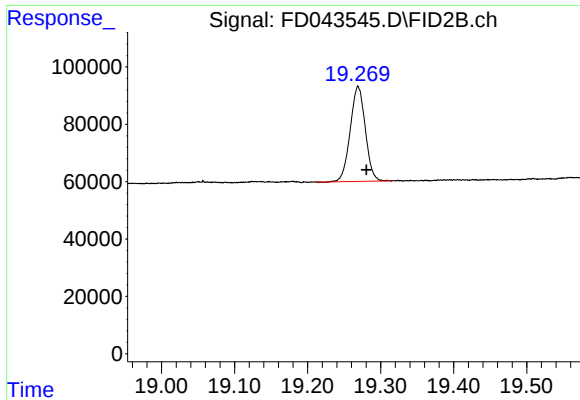
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.013 min
Response: 487181
Conc: 3.45 ug/ml



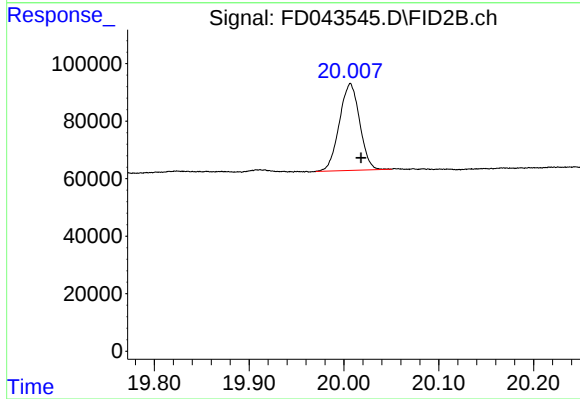
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.013 min
Response: 495560
Conc: 3.58 ug/ml



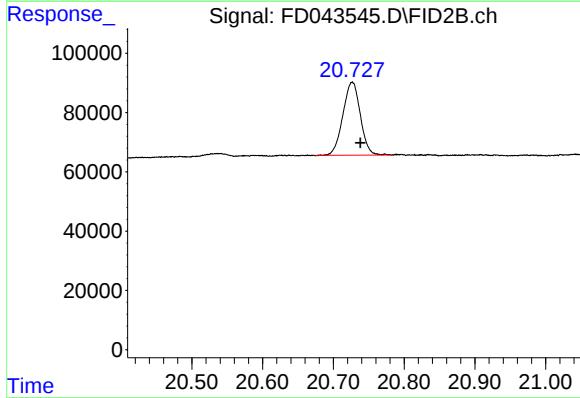
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.011 min
Response: 475257
Conc: 3.69 ug/ml



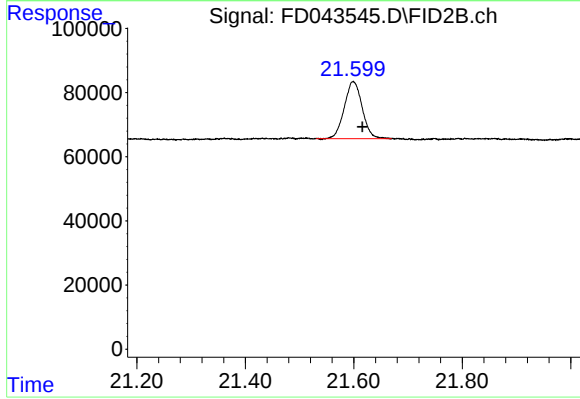
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.011 min
Response: 448109
Conc: 3.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.011 min
Response: 423459
Conc: 3.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: -0.017 min
Response: 408568
Conc: 3.61 ug/ml