

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032324AL\
 Data File : FE047288.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 23:04
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:31:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:07 2024
 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)	11.978	834717	5.330 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
12) S 1-chlorooctadecane (S...	13.411	644705	5.316 ug/ml
Spiked Amount 50.000		Recovery =	10.63%
Target Compounds			
1) T n-Nonane (C9)	3.365	775943	5.313 ug/ml
2) T n-Decane (C10)	4.617	793754	5.325 ug/ml
3) T A~Naphthalene (C11.7)	6.322	819493	5.282 ug/ml
4) T n-Dodecane (C12)	6.781	796335	5.325 ug/ml
5) T A~2-methylnaphthalene...	7.417	787573	5.263 ug/ml
6) T n-Tetradecane (C14)	8.608	790025	5.356 ug/ml
7) T n-Hexadecane (C16)	10.215	812694	5.369 ug/ml
8) T n-Octadecane (C18)	11.657	816541	5.374 ug/ml
10) T n-Eicosane (C20)	12.965	780852	5.367 ug/ml
11) T n-Heneicosane (C21)	13.578	765340	5.355 ug/ml
13) T n-Docosane (C22)	14.163	761286	5.363 ug/ml
14) T n-Tetracosane (C24)	15.265	753000	5.341 ug/ml
15) T n-Hexacosane (C26)	16.284	742297	5.338 ug/ml
16) T n-Octacosane (C28)	17.232	725287	5.308 ug/ml
17) T n-Tricontane (C30)	18.118	737941	5.315 ug/ml
18) T n-Dotriacontane (C32)	18.949	731200	5.301 ug/ml
19) T n-Tetratriacontane (C34)	19.730	732824	5.347 ug/ml
20) T n-Hexatriacontane (C36)	20.468	716739	5.248 ug/ml
21) T n-Octatriacontane (C38)	21.212	733597	5.292 ug/ml
22) T n-Tetracontane (C40)	22.140	751834	5.248 ug/ml

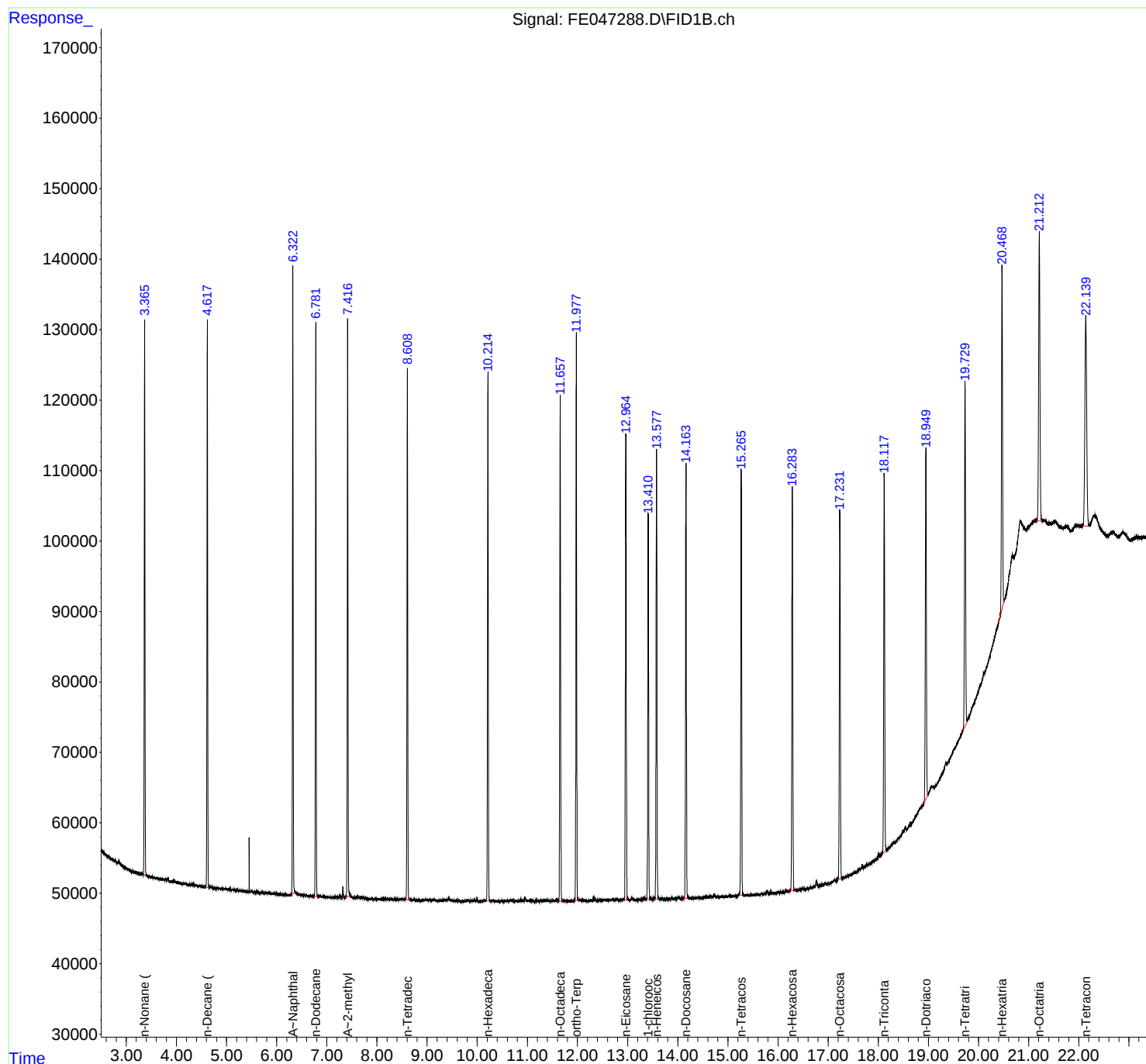
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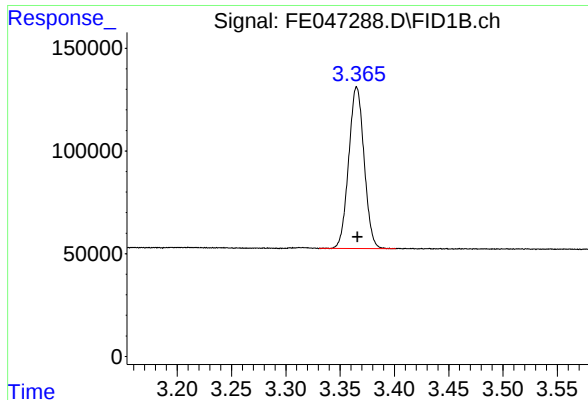
(m)=manual int.

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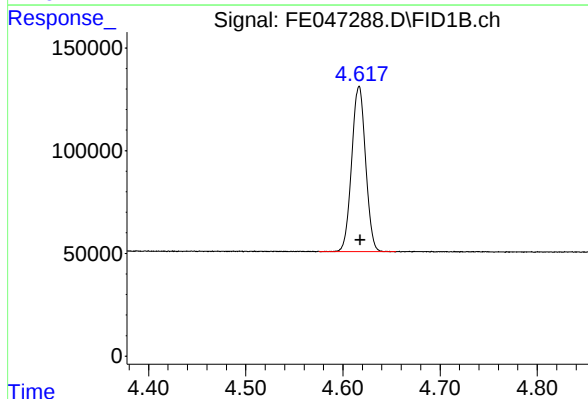
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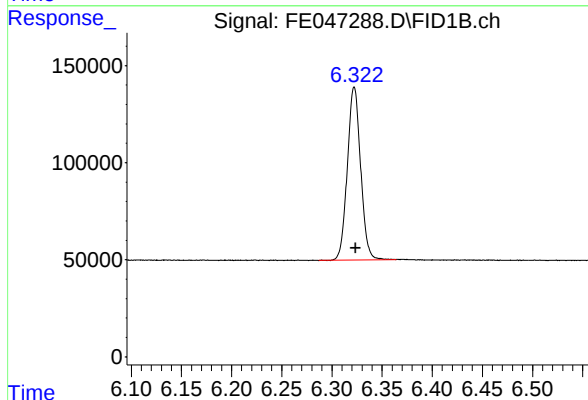
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 775943
Conc: 5.31 ug/ml



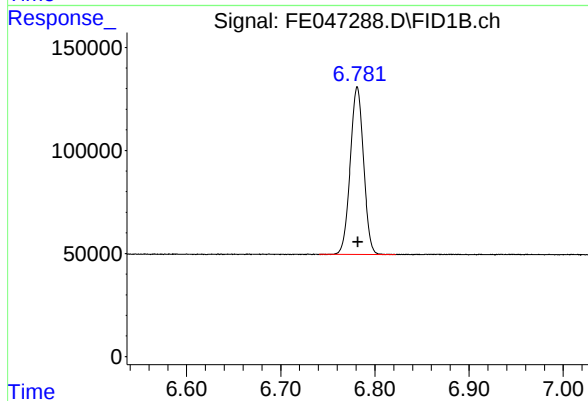
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: -0.001 min
Response: 793754
Conc: 5.32 ug/ml



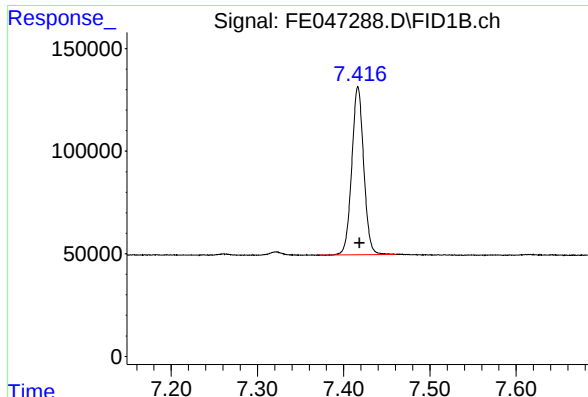
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 819493
Conc: 5.28 ug/ml



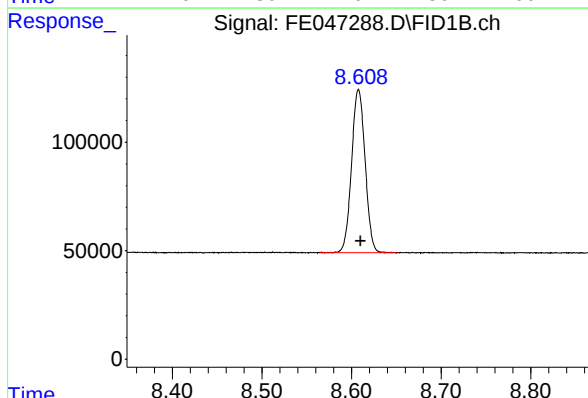
#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 796335
Conc: 5.32 ug/ml



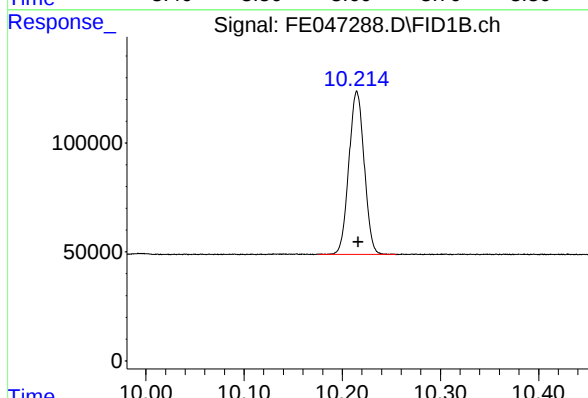
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 787573
Conc: 5.26 ug/ml



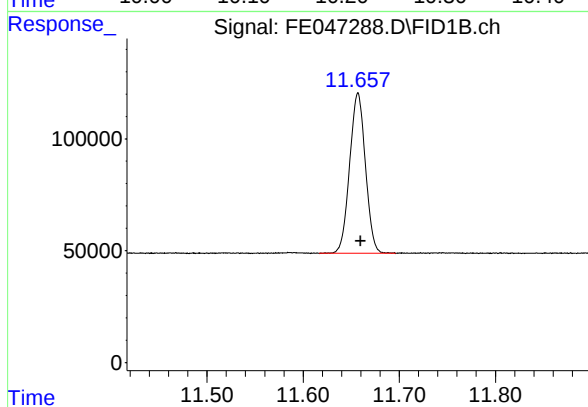
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: -0.002 min
Response: 790025
Conc: 5.36 ug/ml



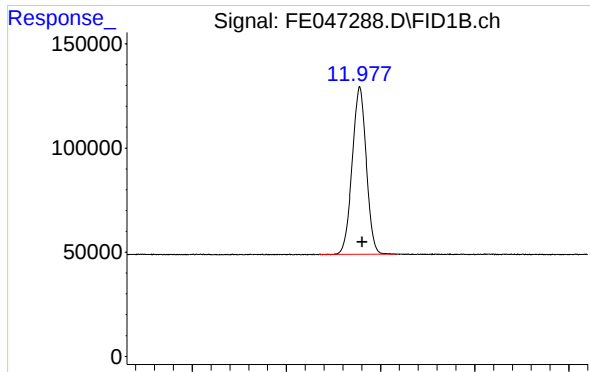
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.002 min
Response: 812694
Conc: 5.37 ug/ml



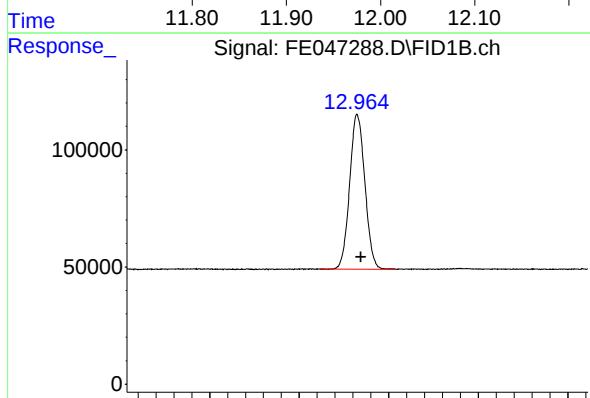
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.003 min
Response: 816541
Conc: 5.37 ug/ml



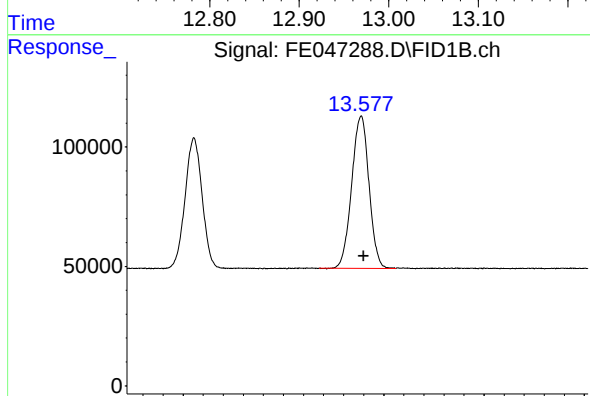
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: -0.003 min
Response: 834717
Conc: 5.33 ug/ml



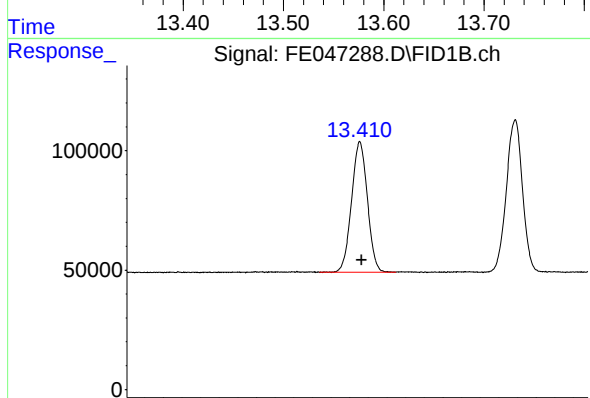
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.004 min
Response: 780852
Conc: 5.37 ug/ml



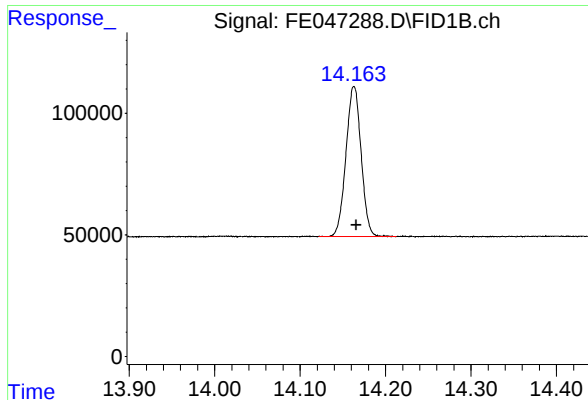
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.002 min
Response: 765340
Conc: 5.35 ug/ml



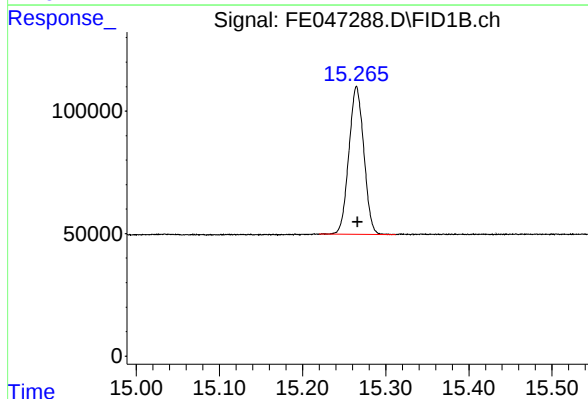
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.002 min
Response: 644705
Conc: 5.32 ug/ml



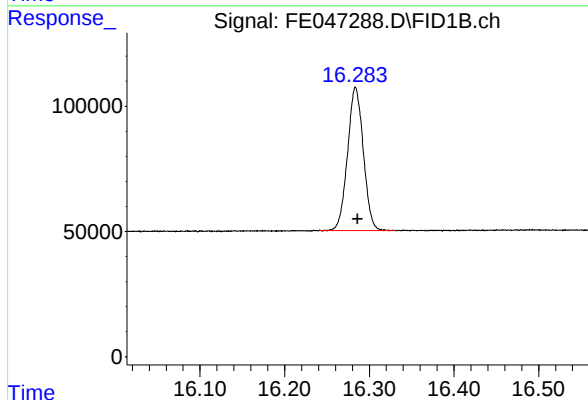
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.002 min
Response: 761286
Conc: 5.36 ug/ml



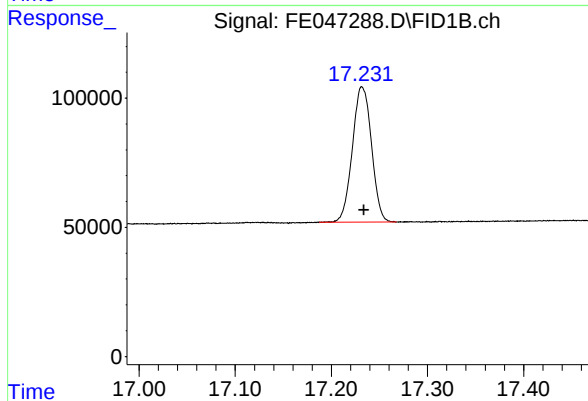
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.001 min
Response: 753000
Conc: 5.34 ug/ml



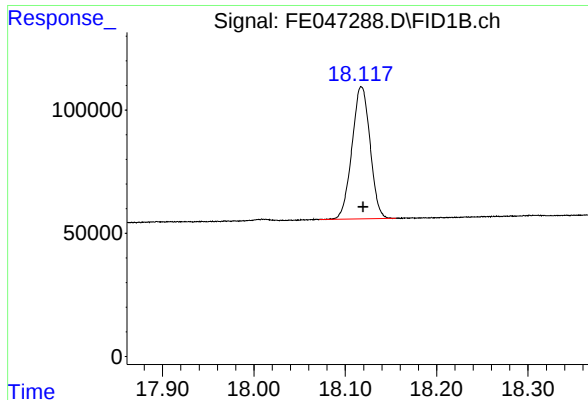
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.003 min
Response: 742297
Conc: 5.34 ug/ml



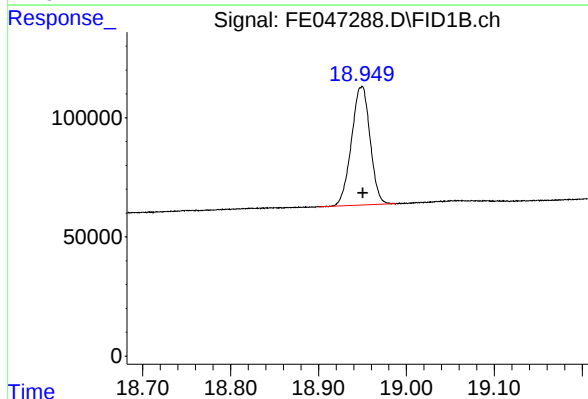
#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: -0.002 min
Response: 725287
Conc: 5.31 ug/ml



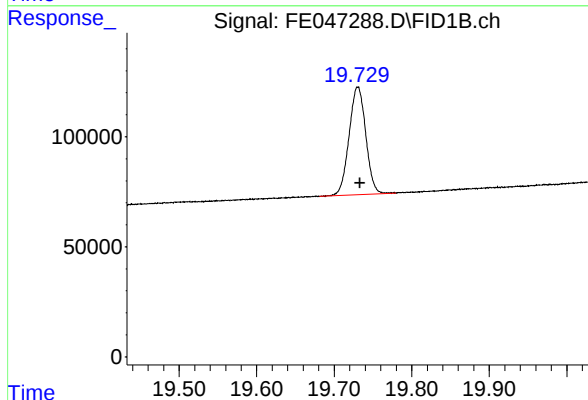
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: -0.002 min
Response: 737941
Conc: 5.31 ug/ml



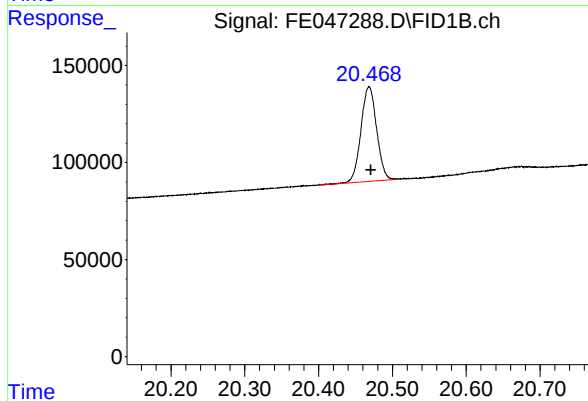
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.001 min
Response: 731200
Conc: 5.30 ug/ml



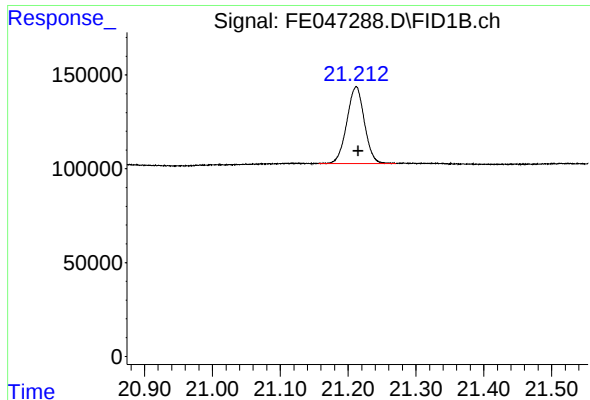
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.003 min
Response: 732824
Conc: 5.35 ug/ml



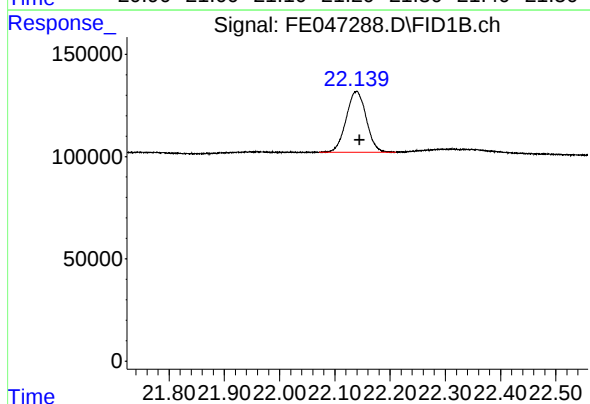
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: -0.003 min
Response: 716739
Conc: 5.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.003 min
Response: 733597
Conc: 5.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.005 min
Response: 751834
Conc: 5.25 ug/ml