

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031324AL\
 Data File : FE047173.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2024 21:12
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:53:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:53:12 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)	11.973	886656	5.374 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	13.406	682621	5.354 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
Target Compounds			
1) T n-Nonane (C9)	3.363	811602	5.397 ug/mlm
2) T n-Decane (C10)	4.614	826895	5.393 ug/ml
3) T A~Naphthalene (C11.7)	6.316	850296	5.333 ug/ml
4) T n-Dodecane (C12)	6.778	827561	5.378 ug/ml
5) T A~2-methylnaphthalene...	7.411	816847	5.323 ug/ml
6) T n-Tetradecane (C14)	8.605	819391	5.378 ug/ml
7) T n-Hexadecane (C16)	10.212	848117	5.388 ug/ml
8) T n-Octadecane (C18)	11.653	855593	5.373 ug/ml
10) T n-Eicosane (C20)	12.961	827368	5.383 ug/ml
11) T n-Heneicosane (C21)	13.573	814202	5.381 ug/ml
13) T n-Docosane (C22)	14.158	808518	5.374 ug/ml
14) T n-Tetracosane (C24)	15.258	798548	5.347 ug/ml
15) T n-Hexacosane (C26)	16.276	778626	5.345 ug/ml
16) T n-Octacosane (C28)	17.223	747425	5.297 ug/ml
17) T n-Tricontane (C30)	18.108	748882	5.298 ug/ml
18) T n-Dotriacontane (C32)	18.936	739827	5.370 ug/mlm
19) T n-Tetratriacontane (C34)	19.717	689144	5.277 ug/mlm
20) T n-Hexatriacontane (C36)	20.455	637016	5.113 ug/ml
21) T n-Octatriacontane (C38)	21.196	656513	5.287 ug/ml
22) T n-Tetracontane (C40)	22.124	621994	5.288 ug/ml

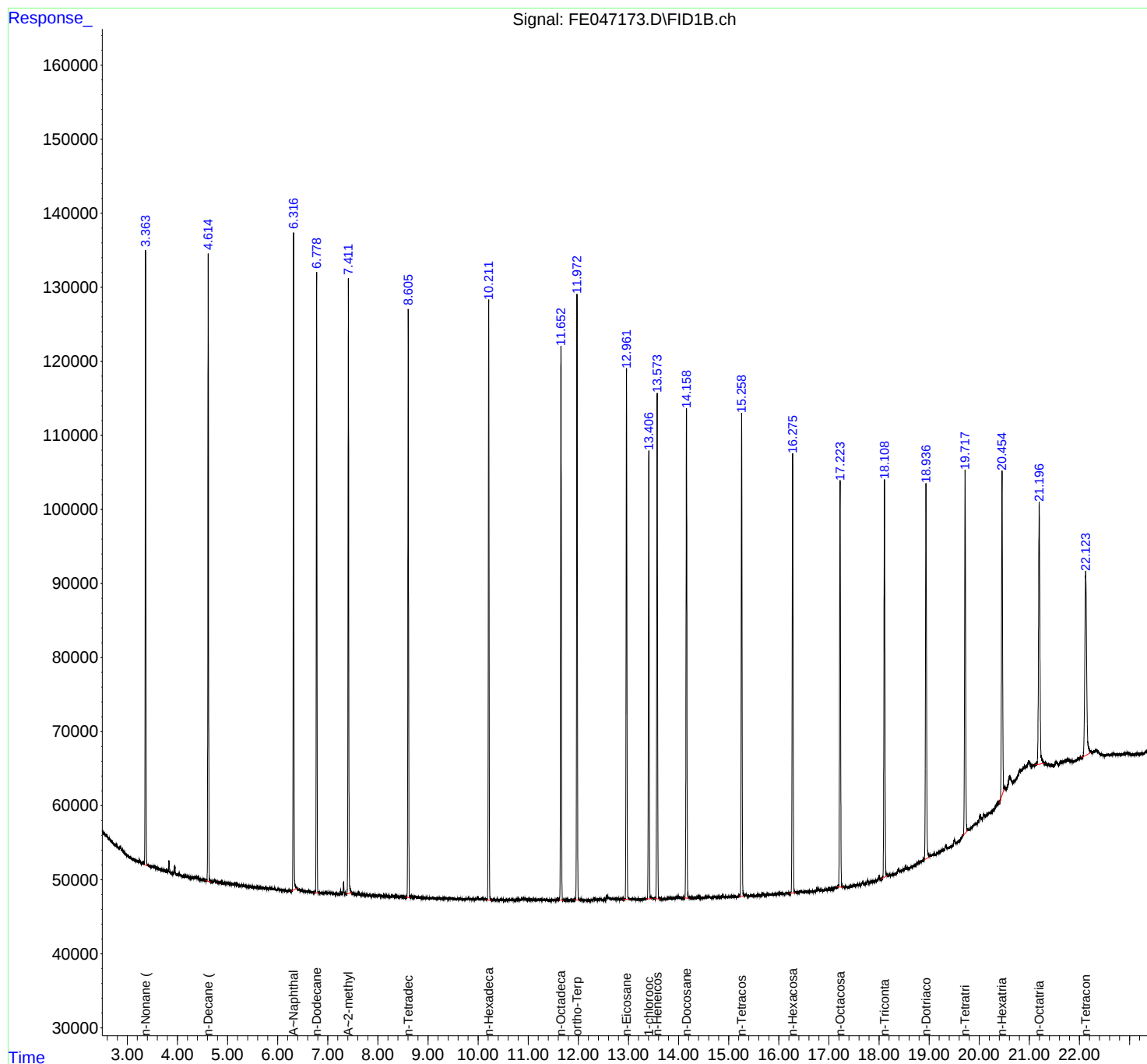
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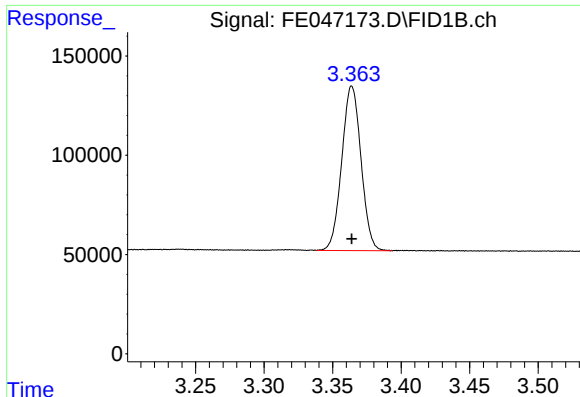
(m)=manual int.

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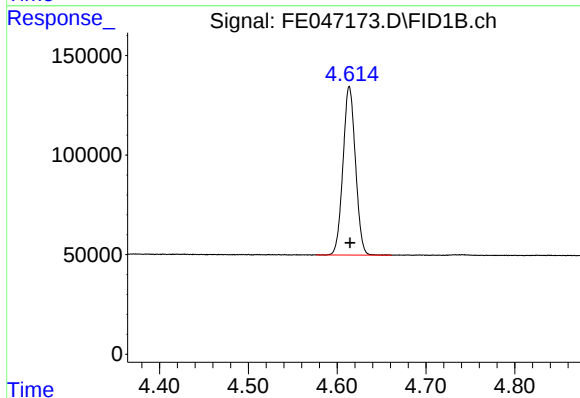
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Signal Info : 20M x 0.18mm x 0.18um





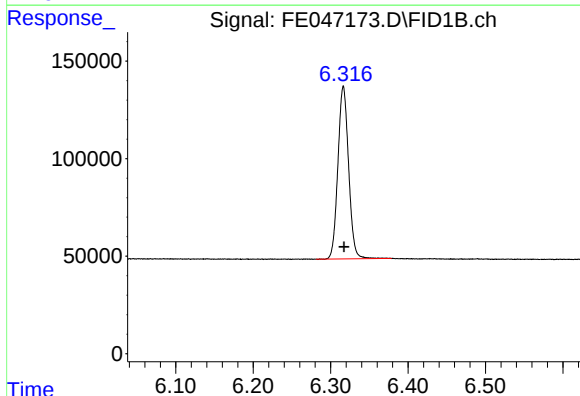
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 811602
Conc: 5.40 ug/ml m



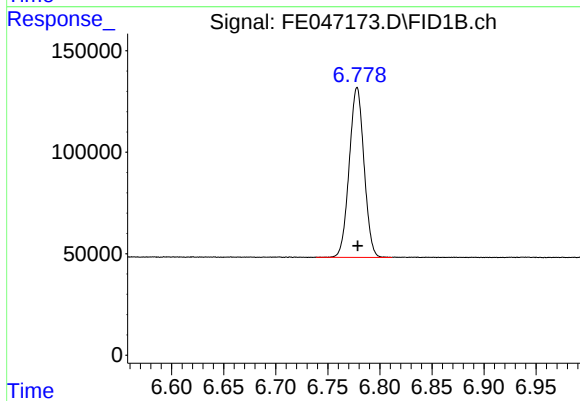
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 826895
Conc: 5.39 ug/ml



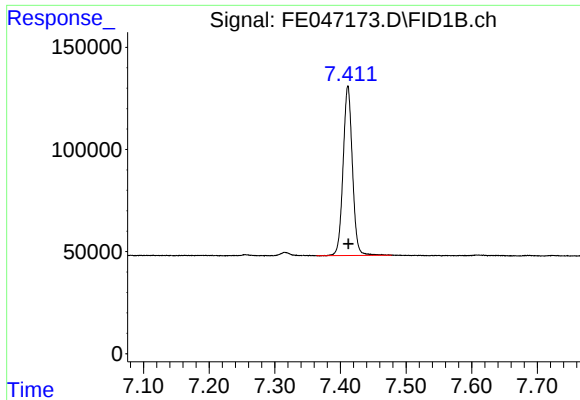
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 850296
Conc: 5.33 ug/ml



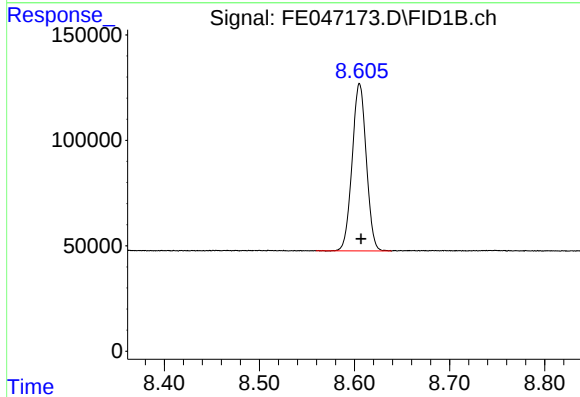
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 827561
Conc: 5.38 ug/ml



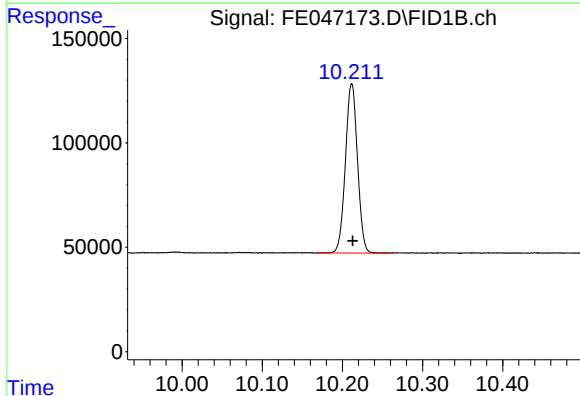
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 816847
Conc: 5.32 ug/ml



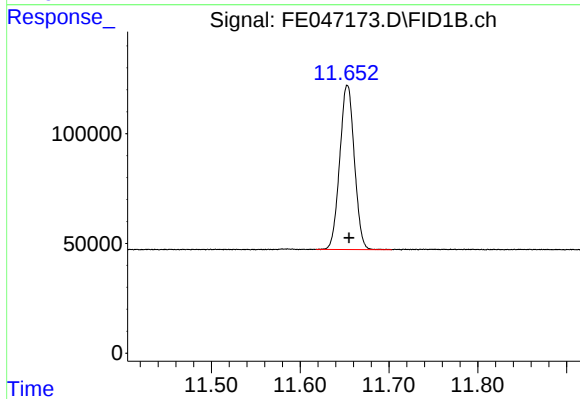
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.001 min
Response: 819391
Conc: 5.38 ug/ml



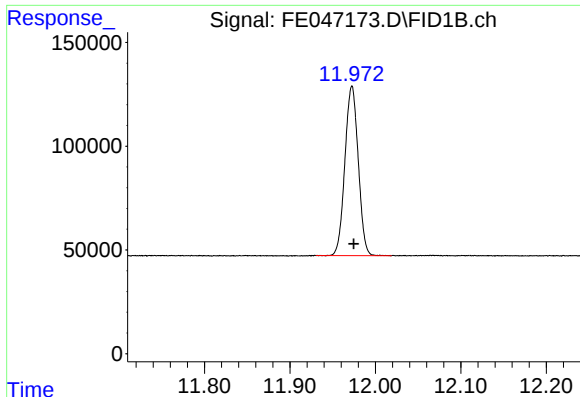
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.001 min
Response: 848117
Conc: 5.39 ug/ml



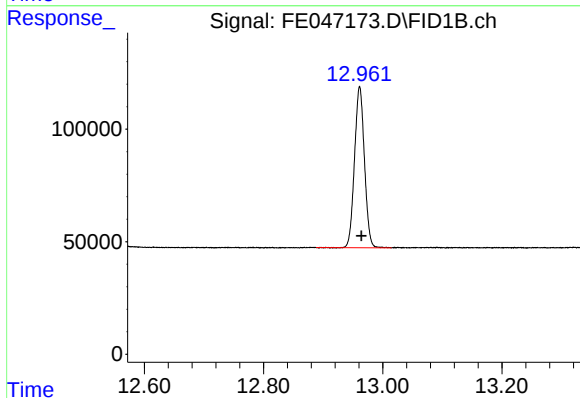
#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.002 min
Response: 855593
Conc: 5.37 ug/ml



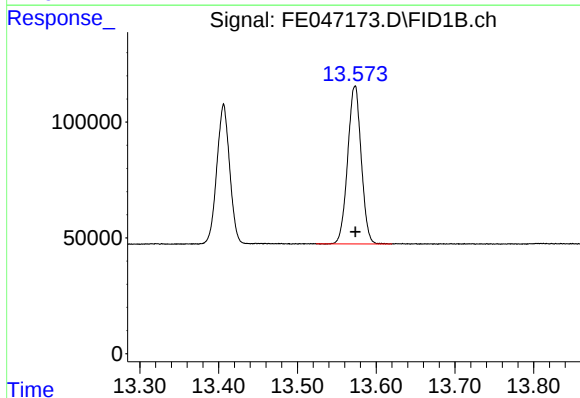
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.002 min
Response: 886656
Conc: 5.37 ug/ml



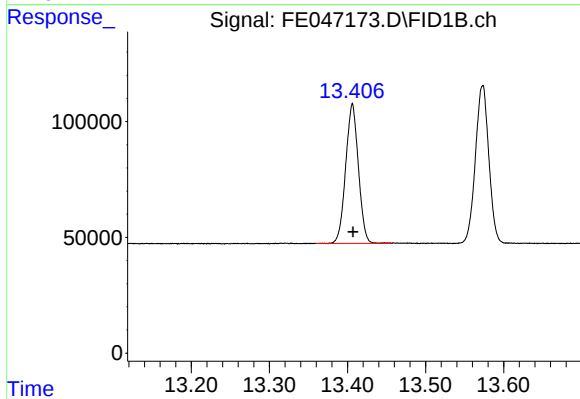
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.003 min
Response: 827368
Conc: 5.38 ug/ml



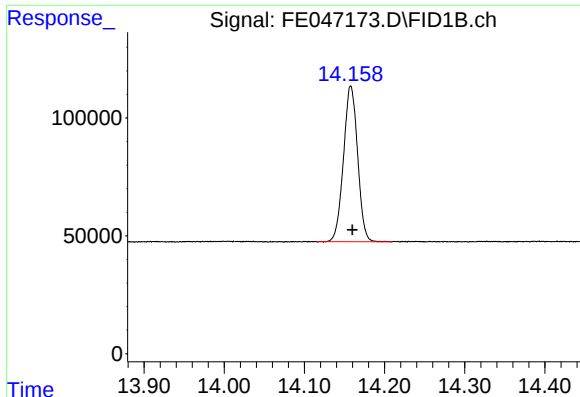
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.000 min
Response: 814202
Conc: 5.38 ug/ml



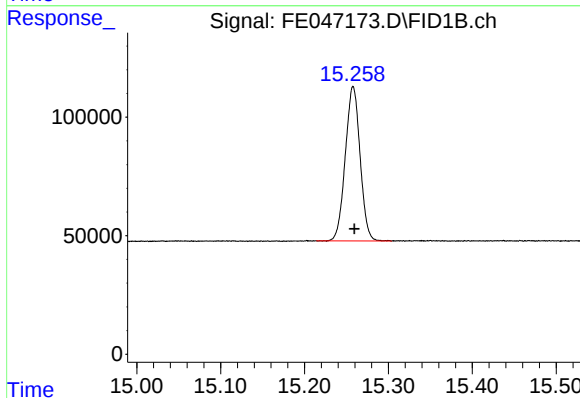
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 682621
Conc: 5.35 ug/ml



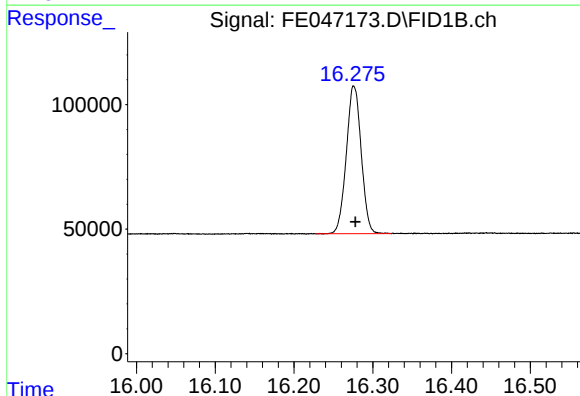
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.002 min
Response: 808518
Conc: 5.37 ug/ml



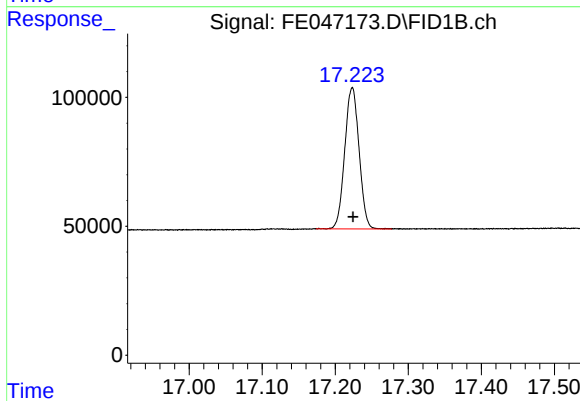
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.002 min
Response: 798548
Conc: 5.35 ug/ml



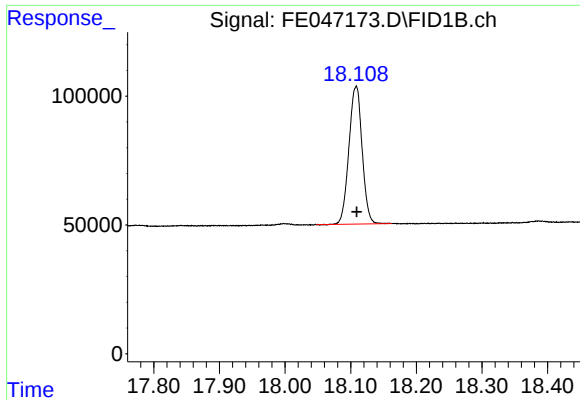
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.002 min
Response: 778626
Conc: 5.34 ug/ml



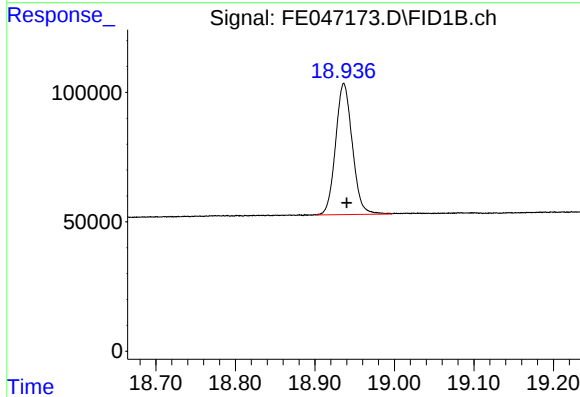
#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.001 min
Response: 747425
Conc: 5.30 ug/ml



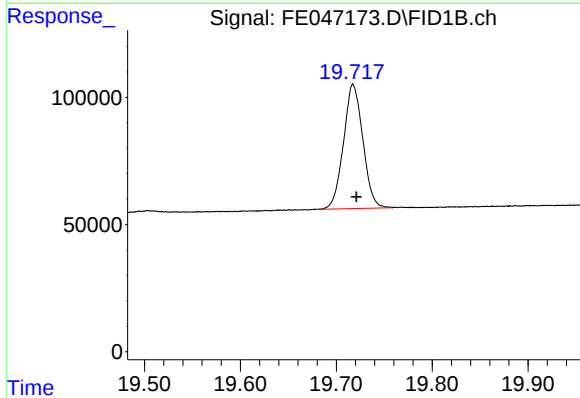
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 748882
Conc: 5.30 ug/ml



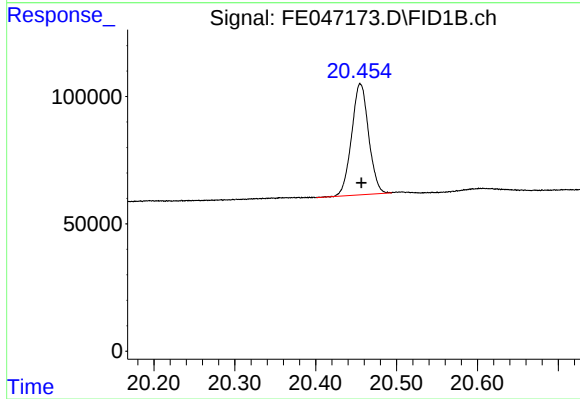
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.004 min
Response: 739827
Conc: 5.37 ug/ml m



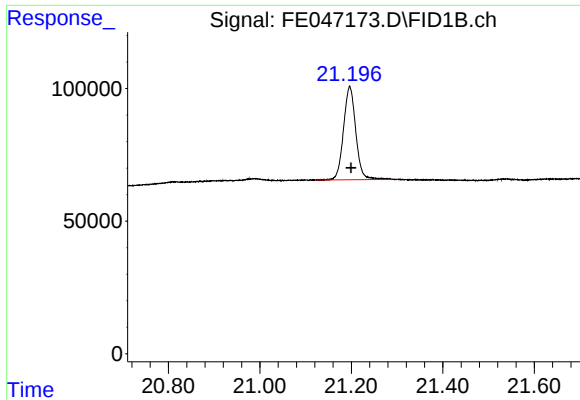
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.004 min
Response: 689144
Conc: 5.28 ug/ml m



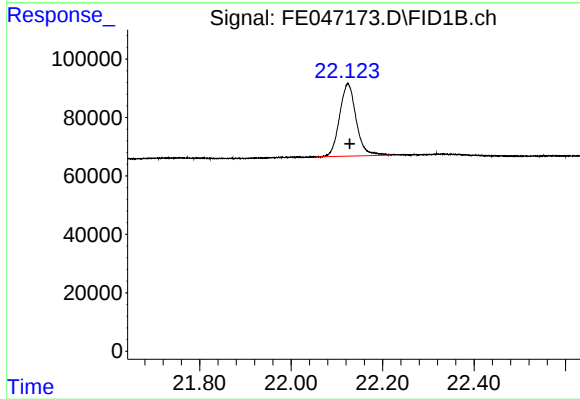
#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.001 min
Response: 637016
Conc: 5.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.003 min
Response: 656513
Conc: 5.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.004 min
Response: 621994
Conc: 5.29 ug/ml