

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AL\
 Data File : FF015469.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 20:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 01:19:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 01:16:32 2025
 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)	11.935	2779641	19.207 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.373	2107493	19.358 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	3.317	2415413	18.312 ug/ml
2) T n-Decane (C10)	4.572	2515840	18.628 ug/ml
3) T A~Naphthalene (C11.7)	6.275	2664956	18.589 ug/ml
4) T n-Dodecane (C12)	6.736	2577298	18.798 ug/ml
5) T A~2-methylnaphthalene...	7.371	2558187	18.793 ug/ml
6) T n-Tetradecane (C14)	8.563	2584064	18.980 ug/ml
7) T n-Hexadecane (C16)	10.171	2679481	19.197 ug/ml
8) T n-Octadecane (C18)	11.616	2689101	19.294 ug/ml
10) T n-Eicosane (C20)	12.927	2543224	19.356 ug/ml
11) T n-Heneicosane (C21)	13.540	2467646	19.346 ug/ml
13) T n-Docosane (C22)	14.127	2421369	19.416 ug/ml
14) T n-Tetracosane (C24)	15.232	2395362	19.868 ug/ml
15) T n-Hexacosane (C26)	16.255	2328594	20.079 ug/ml
16) T n-Octacosane (C28)	17.206	2395501	21.204 ug/ml
17) T n-Tricontane (C30)	18.096	2623602	22.828 ug/ml
18) T n-Dotriacontane (C32)	18.931	2626536	23.513 ug/mlm
19) T n-Tetratriacontane (C34)	19.714	2266199	22.896 ug/ml
20) T n-Hexatriacontane (C36)	20.456	1909652	21.804 ug/ml
21) T n-Octatriacontane (C38)	21.198	1792851	20.718 ug/ml
22) T n-Tetracontane (C40)	22.116	1739744	19.869 ug/ml

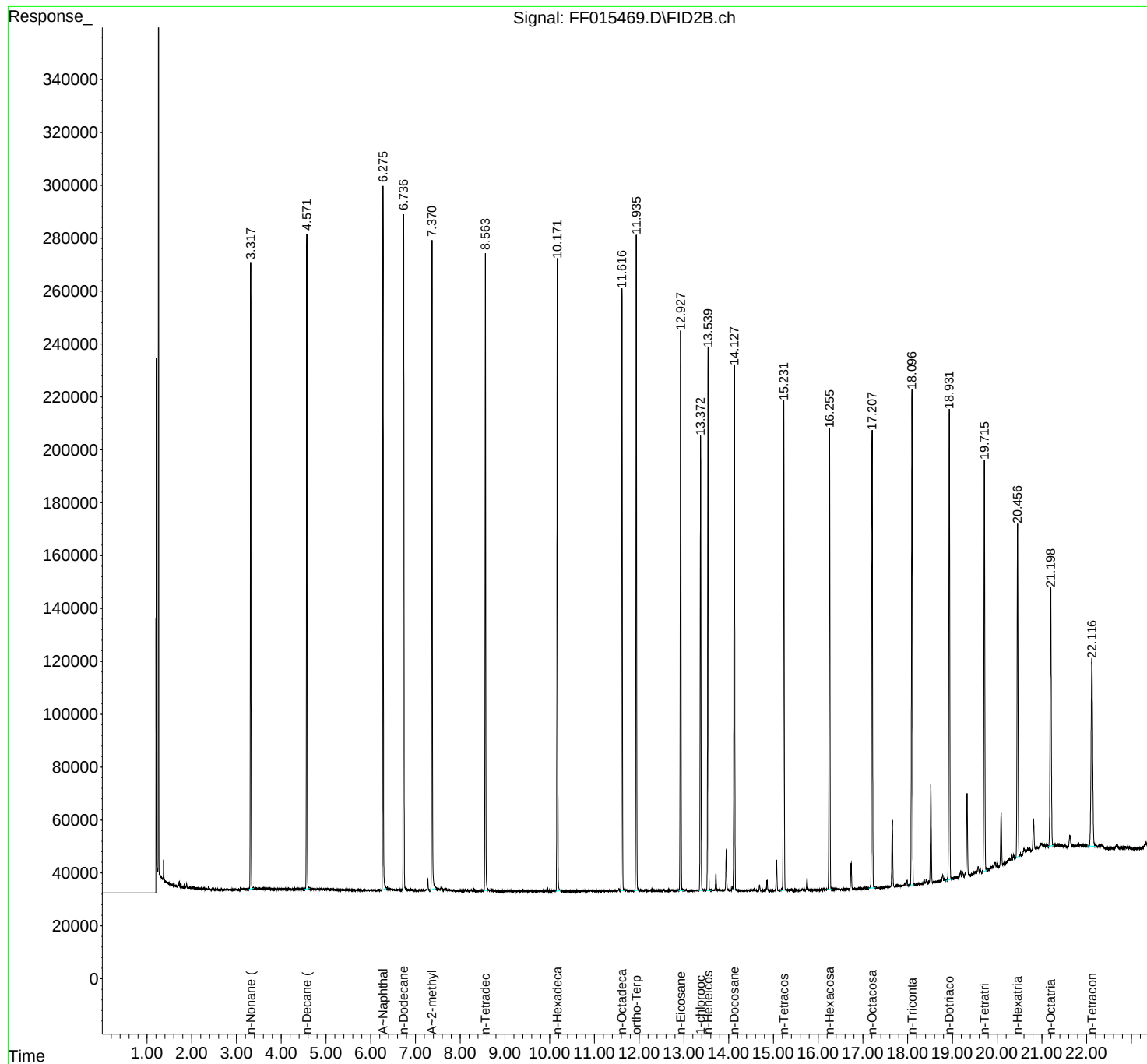
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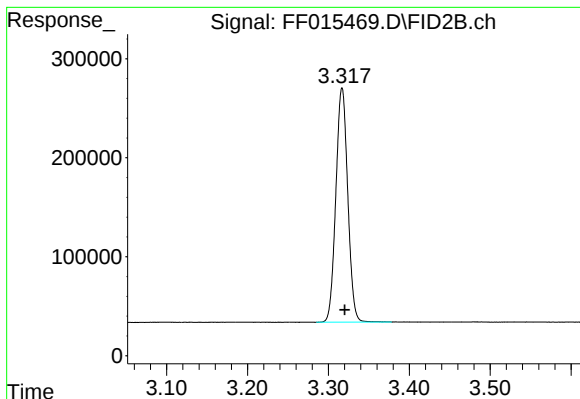
(m)=manual int.

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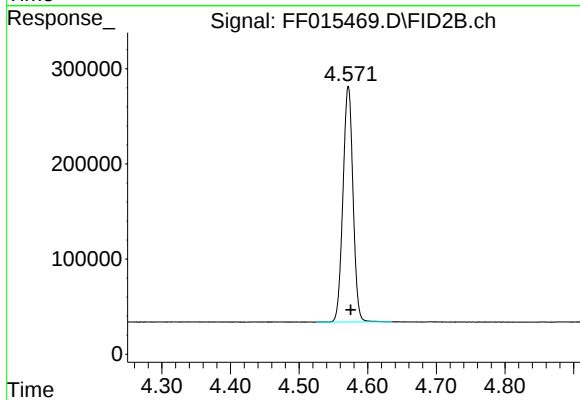
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Signal Info : 20M x 0.18mm x 0.18um





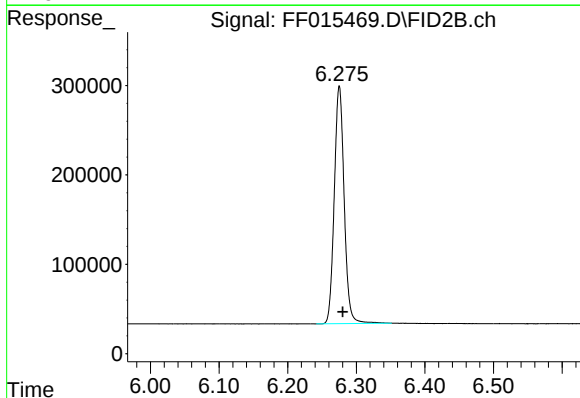
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: -0.003 min
Response: 2415413
Conc: 18.31 ug/ml



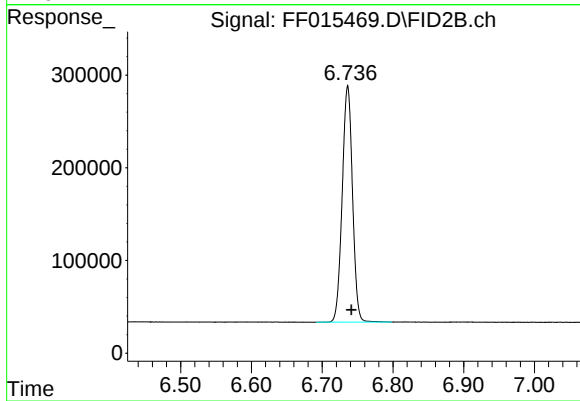
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 2515840
Conc: 18.63 ug/ml



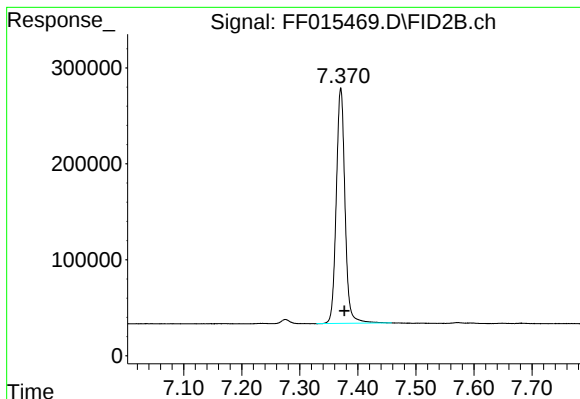
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.005 min
Response: 2664956
Conc: 18.59 ug/ml



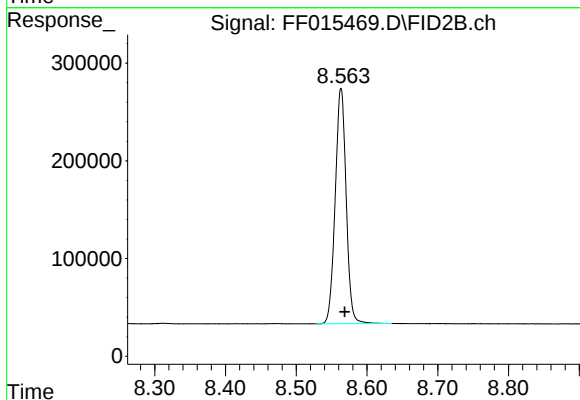
#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.005 min
Response: 2577298
Conc: 18.80 ug/ml



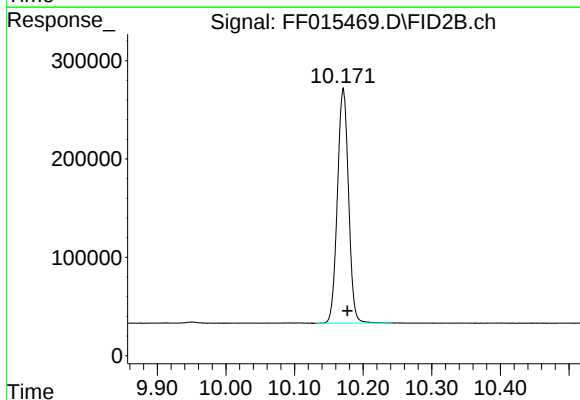
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.006 min
Response: 2558187
Conc: 18.79 ug/ml



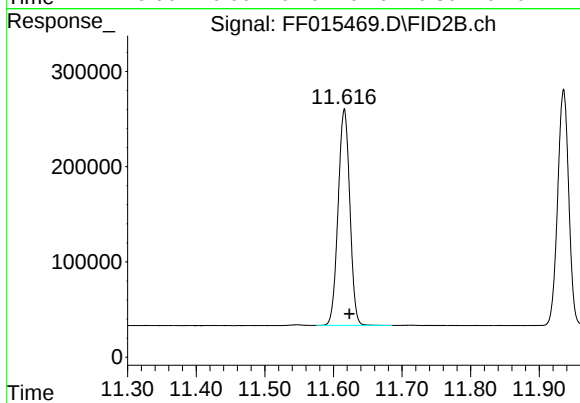
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.005 min
Response: 2584064
Conc: 18.98 ug/ml



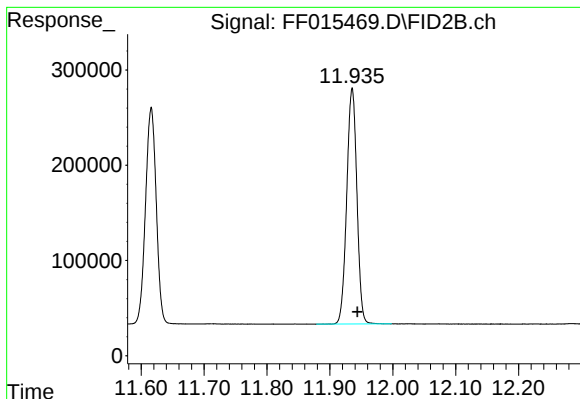
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.006 min
Response: 2679481
Conc: 19.20 ug/ml



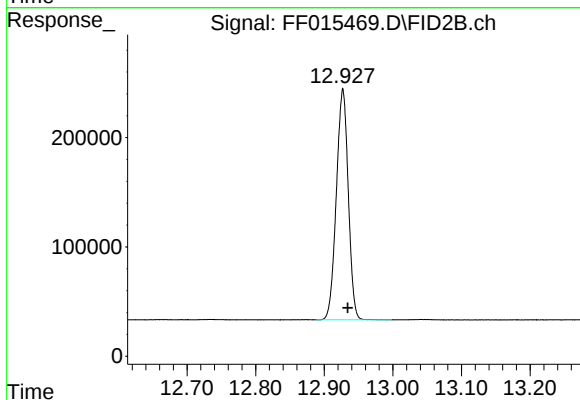
#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.007 min
Response: 2689101
Conc: 19.29 ug/ml



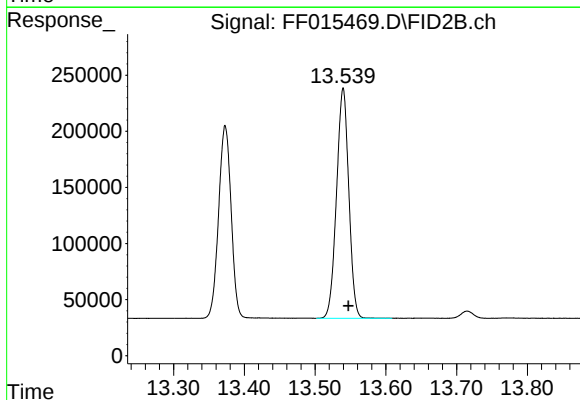
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: -0.009 min
Response: 2779641
Conc: 19.21 ug/ml



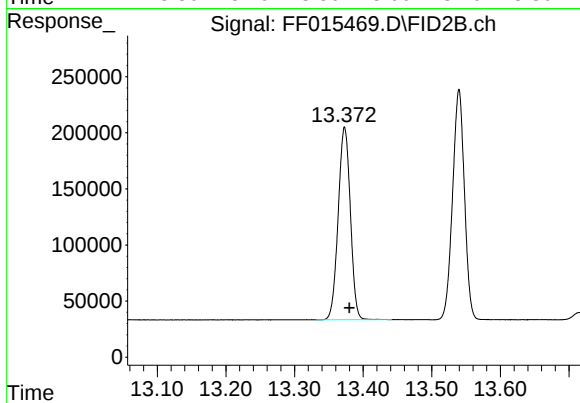
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.007 min
Response: 2543224
Conc: 19.36 ug/ml



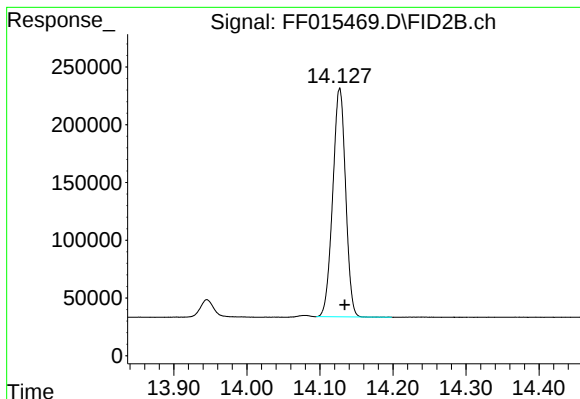
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.008 min
Response: 2467646
Conc: 19.35 ug/ml



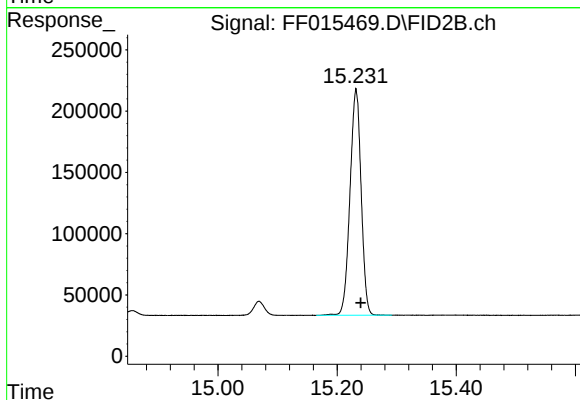
#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.007 min
Response: 2107493
Conc: 19.36 ug/ml



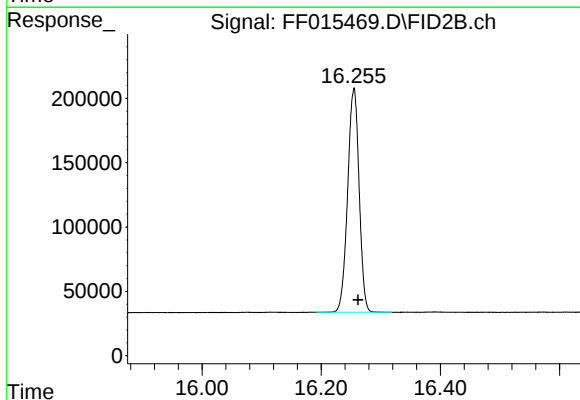
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.007 min
Response: 2421369
Conc: 19.42 ug/ml



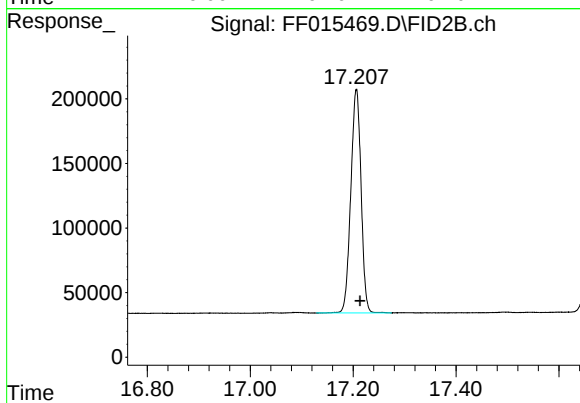
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.008 min
Response: 2395362
Conc: 19.87 ug/ml



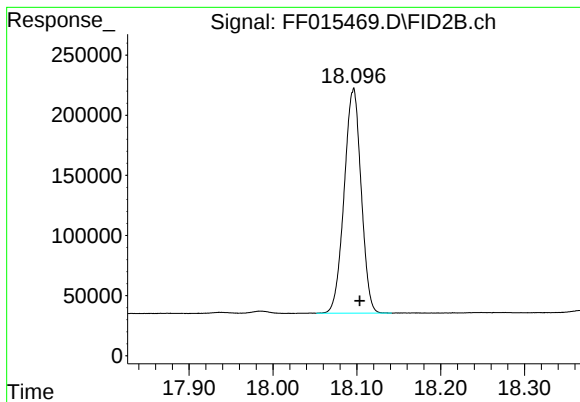
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.007 min
Response: 2328594
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.008 min
Response: 2395501
Conc: 21.20 ug/ml



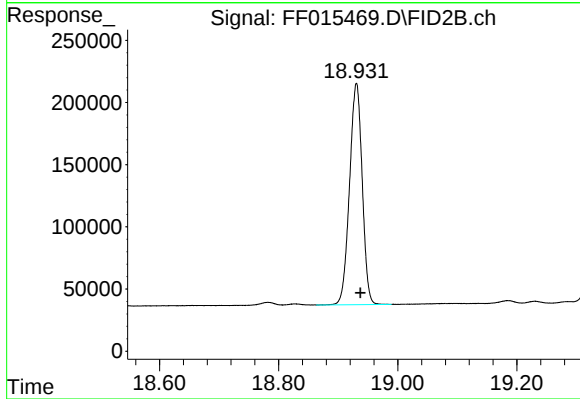
#17 n-Tricontane (C30)

R.T.: 18.096 min

Delta R.T.: -0.008 min

Response: 2623602

Conc: 22.83 ug/ml



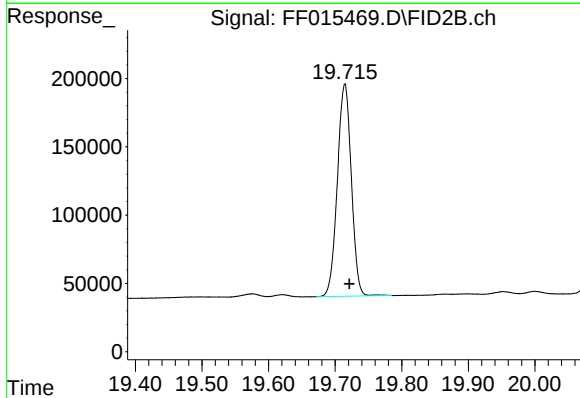
#18 n-Dotriacontane (C32)

R.T.: 18.931 min

Delta R.T.: -0.007 min

Response: 2626536

Conc: 23.51 ug/ml m



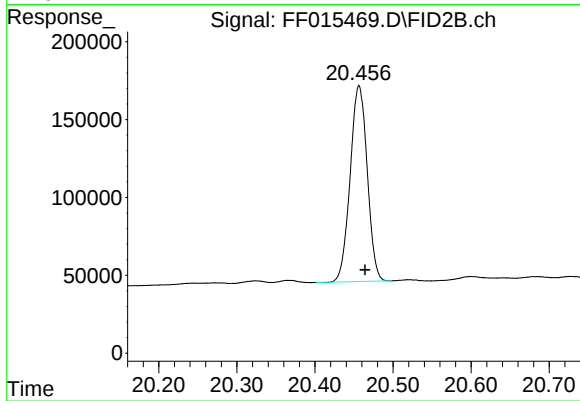
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min

Delta R.T.: -0.007 min

Response: 2266199

Conc: 22.90 ug/ml



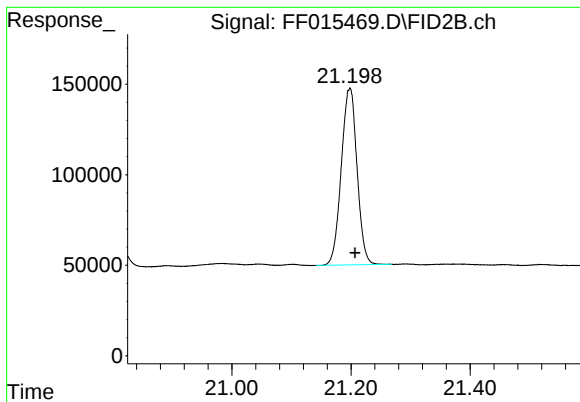
#20 n-Hexatriacontane (C36)

R.T.: 20.456 min

Delta R.T.: -0.008 min

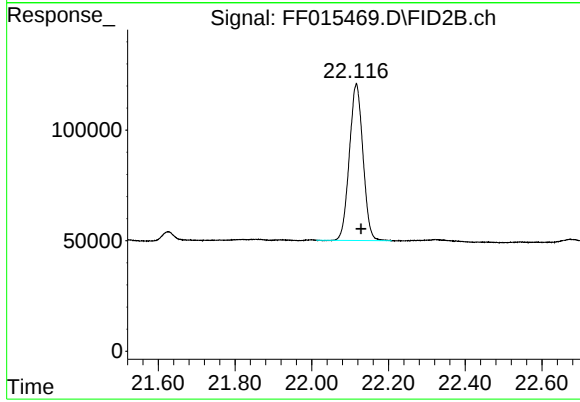
Response: 1909652

Conc: 21.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.009 min
Response: 1792851
Conc: 20.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.013 min
Response: 1739744
Conc: 19.87 ug/ml