

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102423AL\
 Data File : FE045011.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2023 19:45
 Operator : YP\AJ
 Sample : 05011-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:11:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.941	149133100	743.935 ug/ml
Spiked Amount 50.000		Recovery	= 1487.87%
12) S 1-chlorooctadecane (S...	13.397	93111712	629.194 ug/ml
Spiked Amount 50.000		Recovery	= 1258.39%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.236	18972	0.102 ug/ml
4) T n-Dodecane (C12)	6.736	95402	0.553 ug/ml
5) T A~2-methylnaphthalene...	7.361	835192	4.630 ug/ml
6) T n-Tetradecane (C14)	8.535	3386706	19.750 ug/ml
7) T n-Hexadecane (C16)	10.165	22440651	128.328 ug/ml
8) T n-Octadecane (C18)	11.597	80863908	463.630 ug/ml
10) T n-Eicosane (C20)	12.917	11290211	67.594 ug/ml
11) T n-Heneicosane (C21)	13.498	72450846	444.451 ug/ml
13) T n-Docosane (C22)	14.117	17673330	110.490 ug/ml
14) T n-Tetracosane (C24)	15.221	11850903	76.361 ug/ml
15) T n-Hexacosane (C26)	16.256	6750437	44.962 ug/ml
16) T n-Octacosane (C28)	17.196	1969574	13.413 ug/ml
17) T n-Tricontane (C30)	18.056	142512	0.958 ug/ml
18) T n-Dotriacontane (C32)	18.896	334157	2.226 ug/ml
19) T n-Tetratriacontane (C34)	19.709	503291	3.381 ug/ml
20) T n-Hexatriacontane (C36)	20.425	115449	0.751 ug/ml
22) T n-Tetracontane (C40)	22.106	4403	0.026 ug/ml

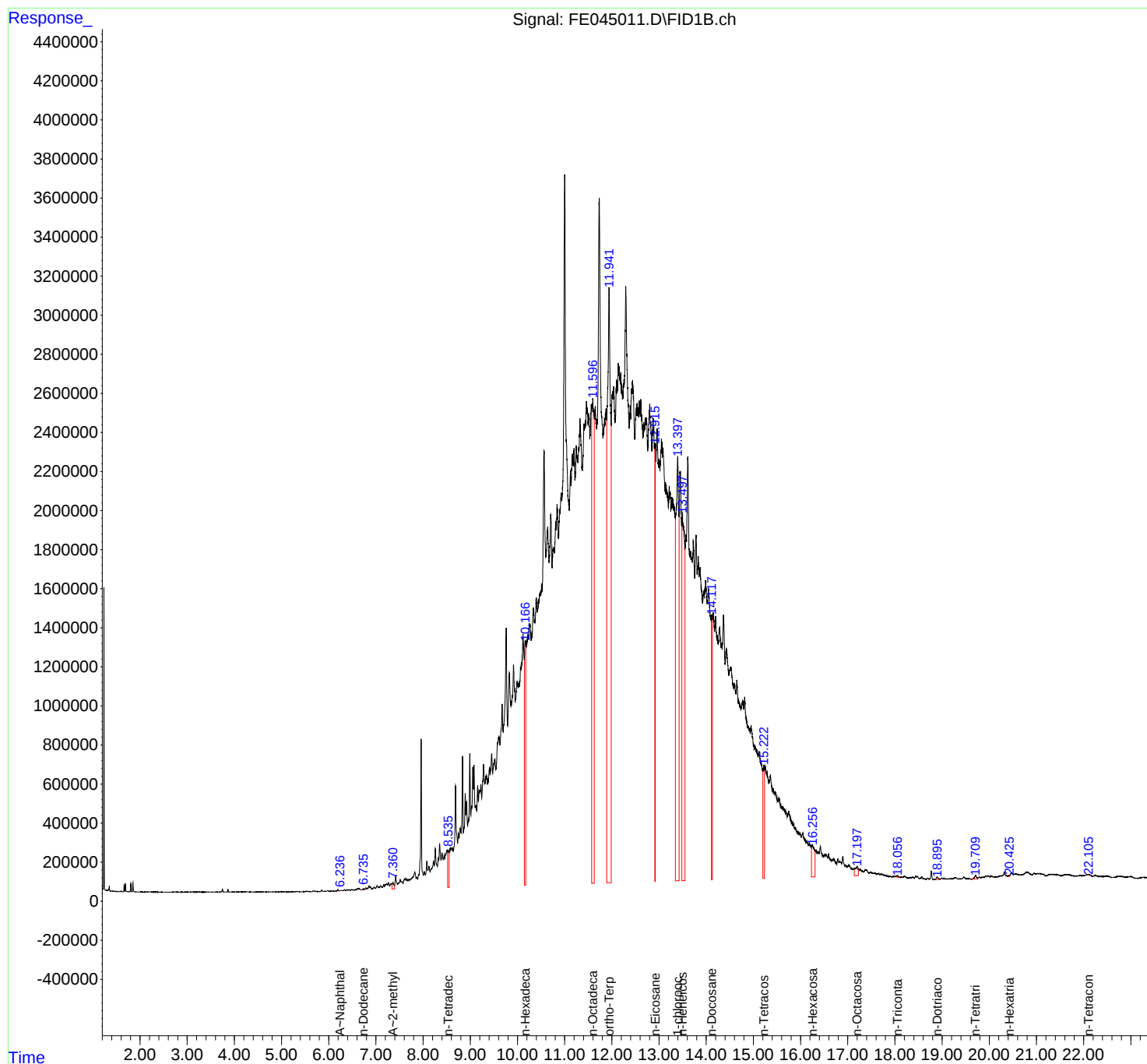
(f)=RT Delta > 1/2 Window

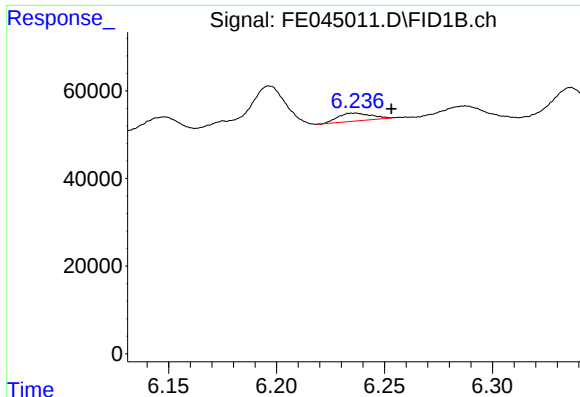
(m)=manual int.

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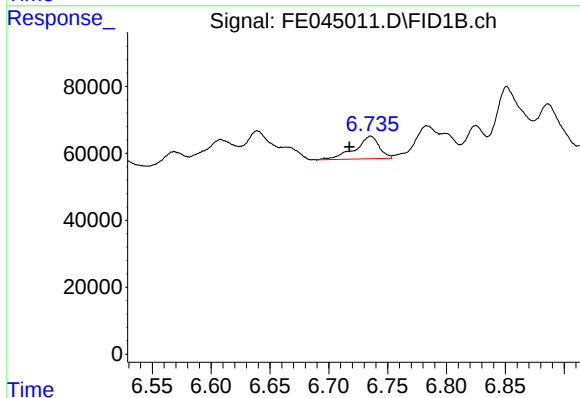
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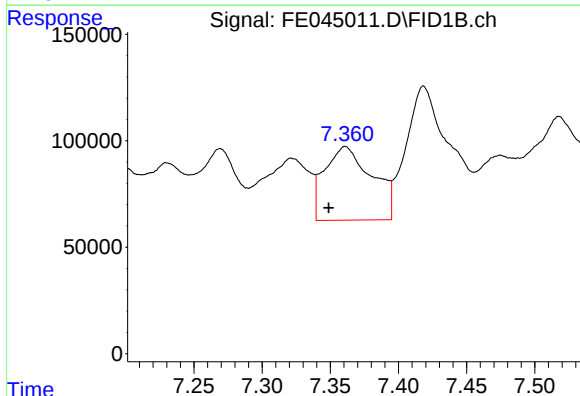
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.017 min
Response: 18972
Conc: 0.10 ug/ml



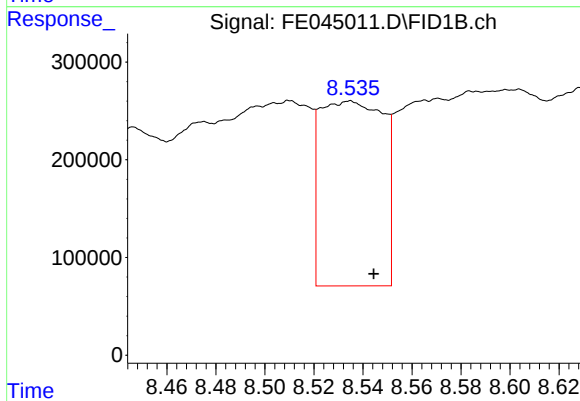
#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: 0.018 min
Response: 95402
Conc: 0.55 ug/ml



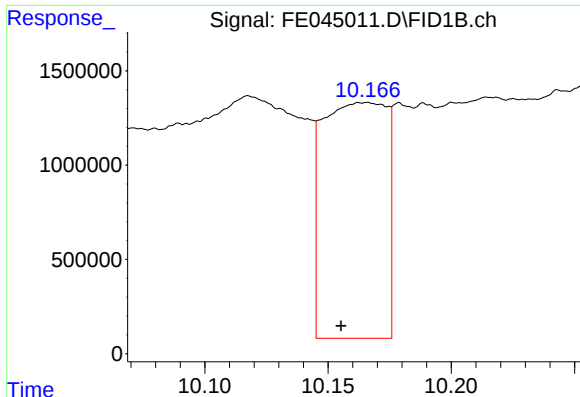
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.361 min
Delta R.T.: 0.012 min
Response: 835192
Conc: 4.63 ug/ml



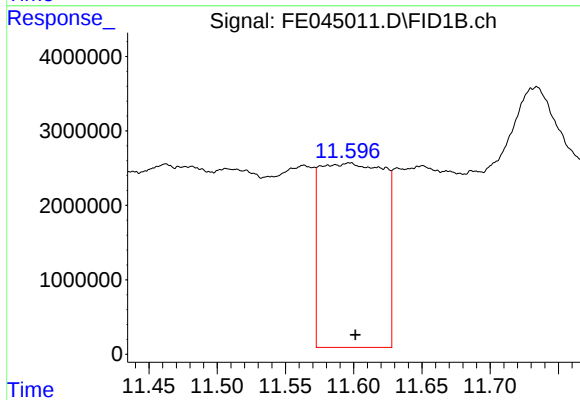
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.010 min
Response: 3386706
Conc: 19.75 ug/ml



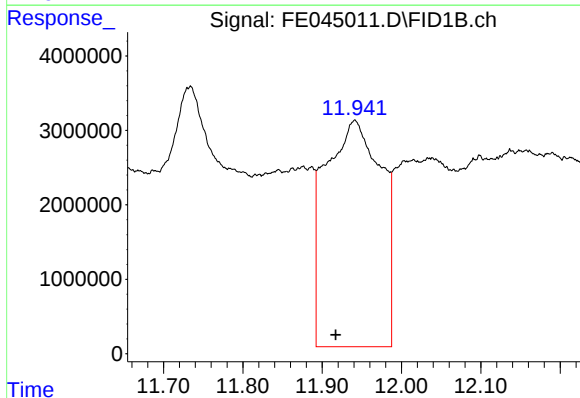
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.010 min
Response: 22440651
Conc: 128.33 ug/ml



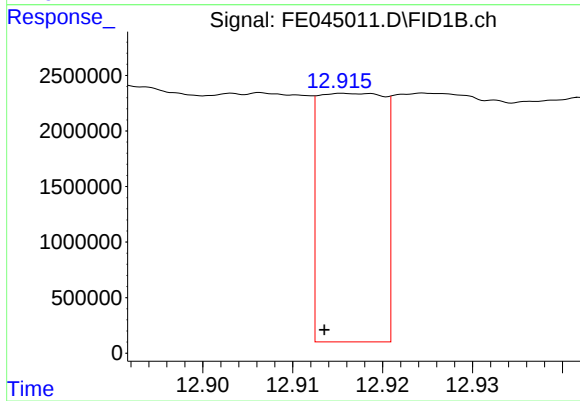
#8 n-Octadecane (C18)

R.T.: 11.597 min
Delta R.T.: -0.004 min
Response: 80863908
Conc: 463.63 ug/ml



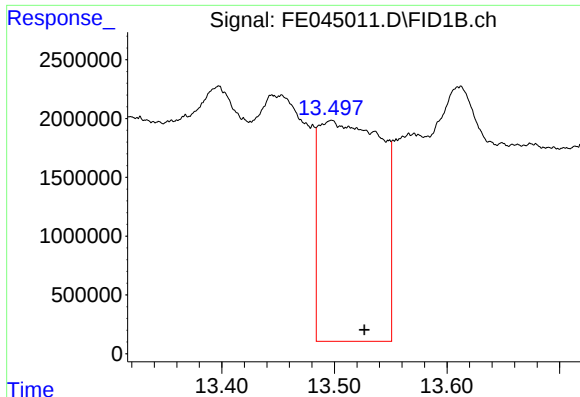
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.024 min
Response: 149133100
Conc: 743.93 ug/ml



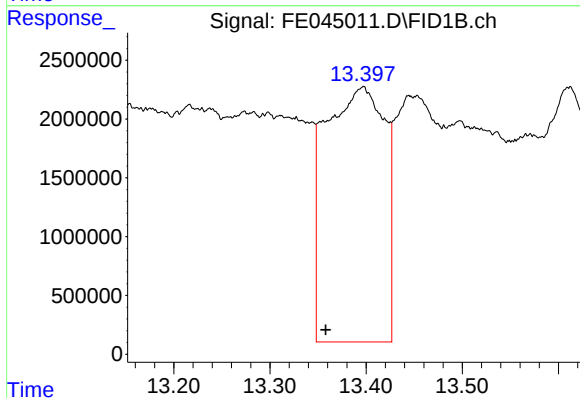
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.003 min
Response: 11290211
Conc: 67.59 ug/ml



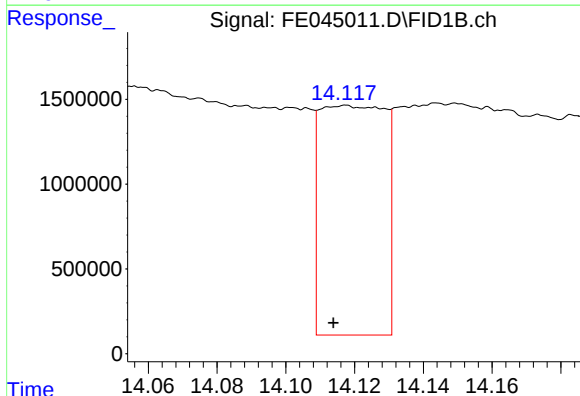
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.029 min
Response: 72450846
Conc: 444.45 ug/ml



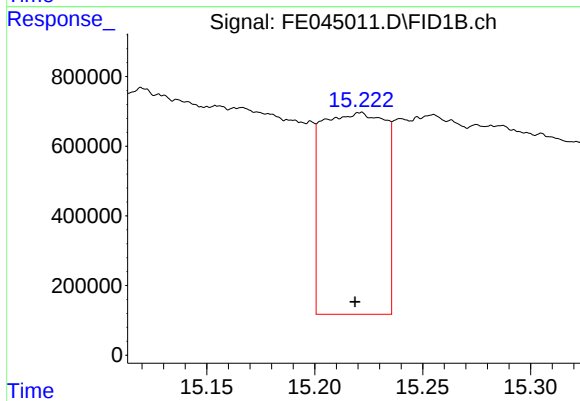
#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: 0.039 min
Response: 93111712
Conc: 629.19 ug/ml



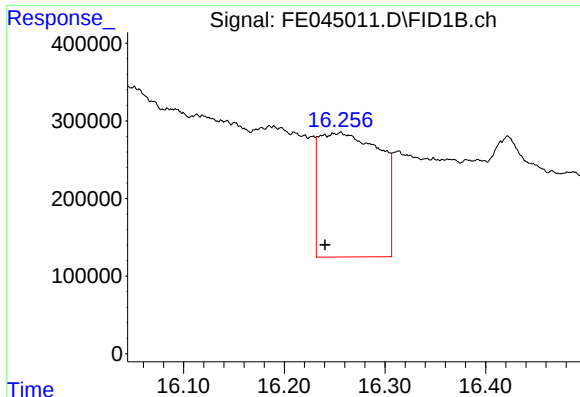
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.003 min
Response: 17673330
Conc: 110.49 ug/ml



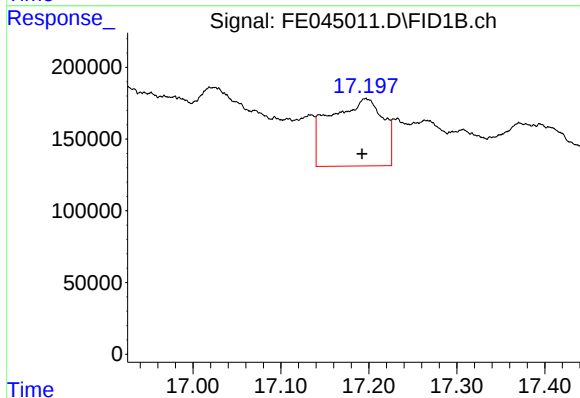
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.003 min
Response: 11850903
Conc: 76.36 ug/ml



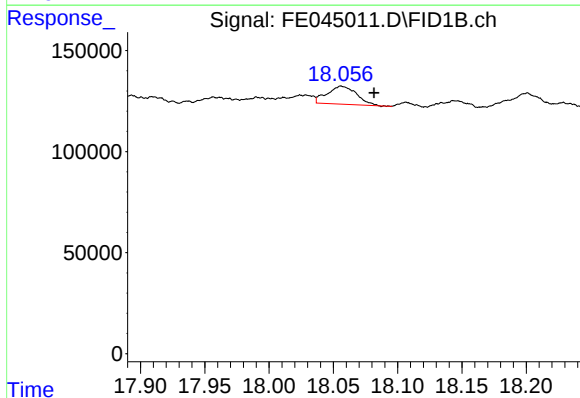
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.015 min
Response: 6750437
Conc: 44.96 ug/ml



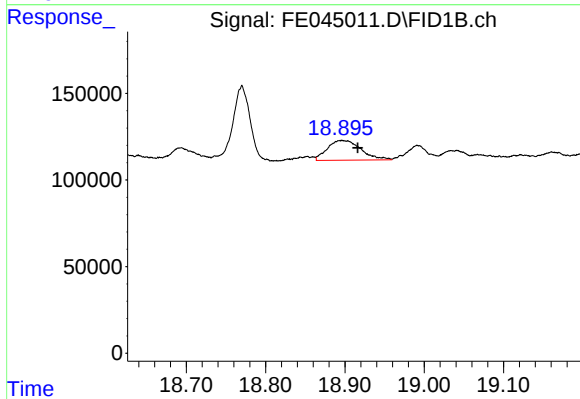
#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 1969574
Conc: 13.41 ug/ml



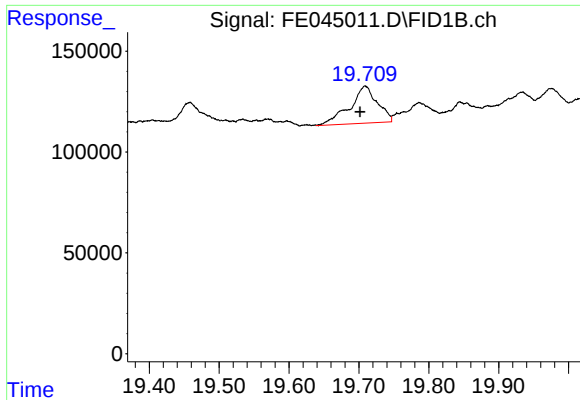
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.025 min
Response: 142512
Conc: 0.96 ug/ml



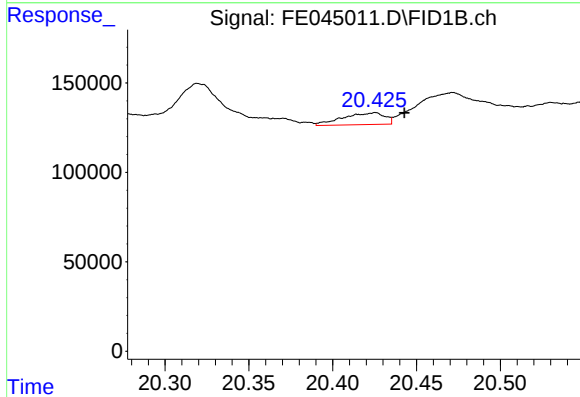
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.020 min
Response: 334157
Conc: 2.23 ug/ml



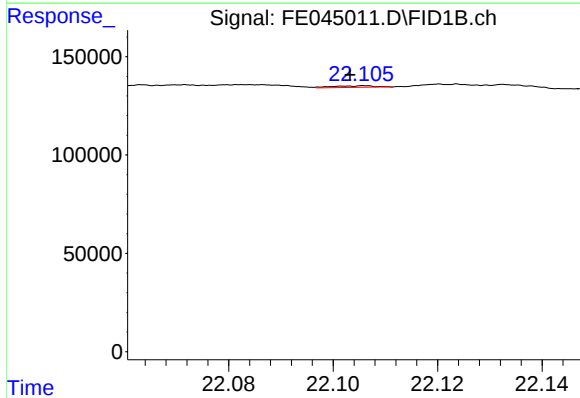
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.008 min
Response: 503291
Conc: 3.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.018 min
Response: 115449
Conc: 0.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.002 min
Response: 4403
Conc: 0.03 ug/ml