

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051975.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 19:18
 Operator : YP\AJ
 Sample : Q1134-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 21 01:06:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.225	3005736	21.030 ug/ml
Spiked Amount	50.000	Recovery =	42.06%
12) S 1-chlorooctadecane (S...	13.585	1640169	14.298 ug/ml
Spiked Amount	50.000	Recovery =	28.60%
Target Compounds			
2) T n-Decane (C10)	4.906f	197814	1.807 ug/ml
3) T A~Naphthalene (C11.7)	6.554	185117	1.523 ug/ml
4) T n-Dodecane (C12)	6.991	289667	2.566 ug/ml
5) T A~2-methylnaphthalene...	7.619	198428	1.662 ug/ml
6) T n-Tetradecane (C14)	8.804	120056	1.032 ug/ml
7) T n-Hexadecane (C16)	10.455	325513	2.581 ug/ml
8) T n-Octadecane (C18)	11.891	297001	2.245 ug/ml
10) T n-Eicosane (C20)	13.166	154459	1.178 ug/ml
11) T n-Heneicosane (C21)	13.825f	1178257	9.052 ug/ml
13) T n-Docosane (C22)	14.389	146574	1.117 ug/ml
14) T n-Tetracosane (C24)	15.452	1030916	7.761 ug/ml
16) T n-Octacosane (C28)	17.387	877805	6.651 ug/ml
17) T n-Tricontane (C30)	18.336	433810	3.182 ug/ml
18) T n-Dotriacontane (C32)	19.142	440418	3.361 ug/ml
19) T n-Tetratriacontane (C34)	19.944	25074	0.223 ug/ml
20) T n-Hexatriacontane (C36)	20.679	102591	1.080 ug/ml
22) T n-Tetracontane (C40)	22.519f	1028484	12.480 ug/ml

(f)=RT Delta > 1/2 Window

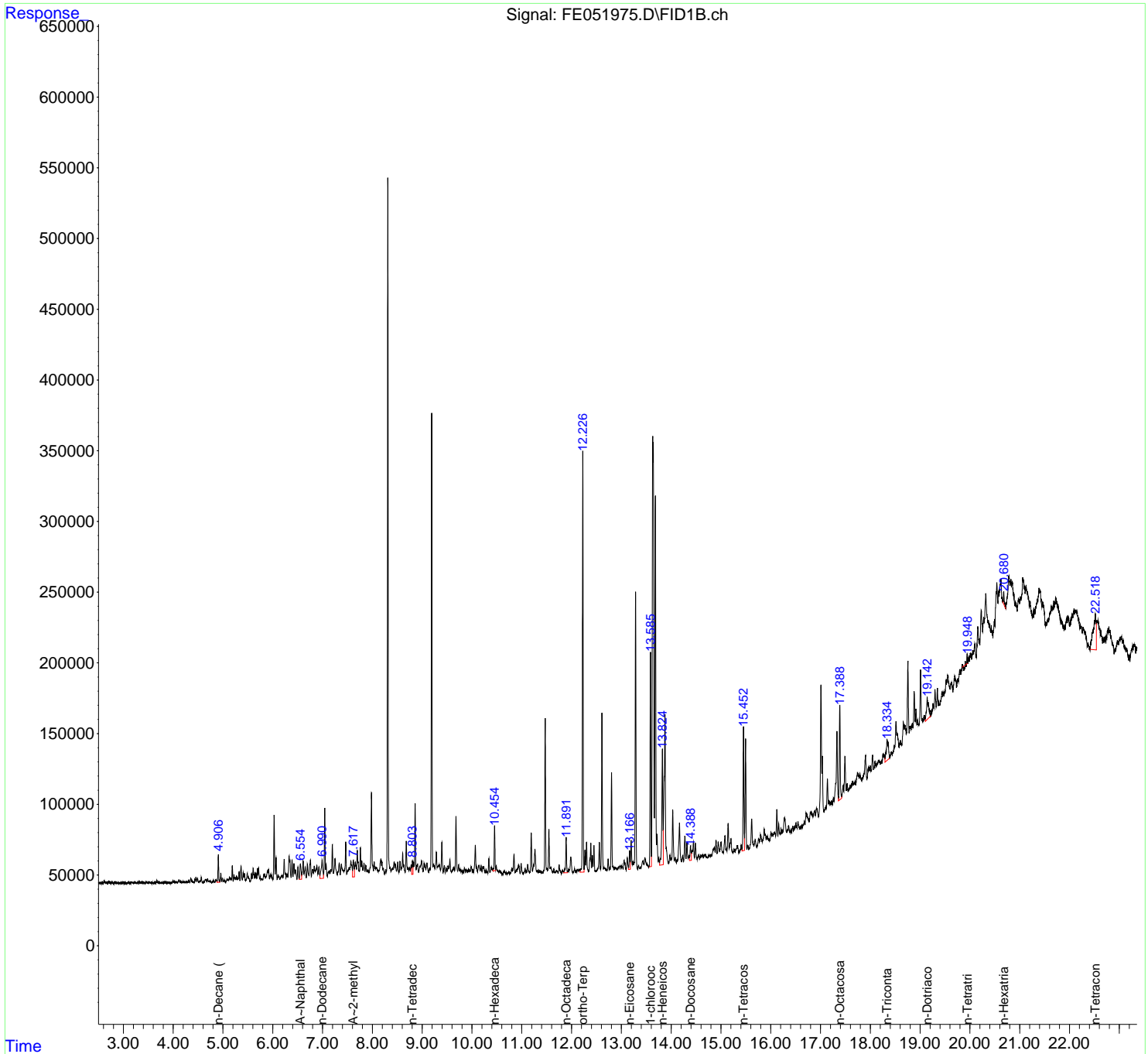
(m)=manual int.

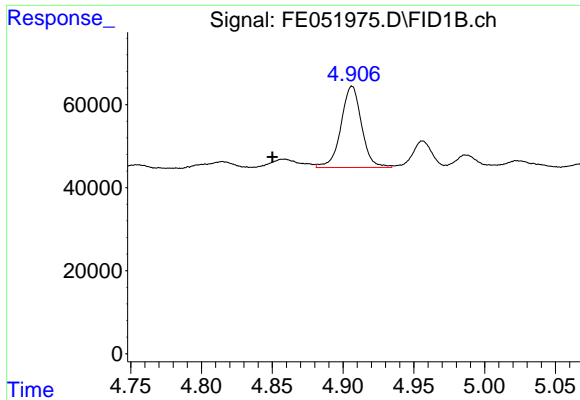
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
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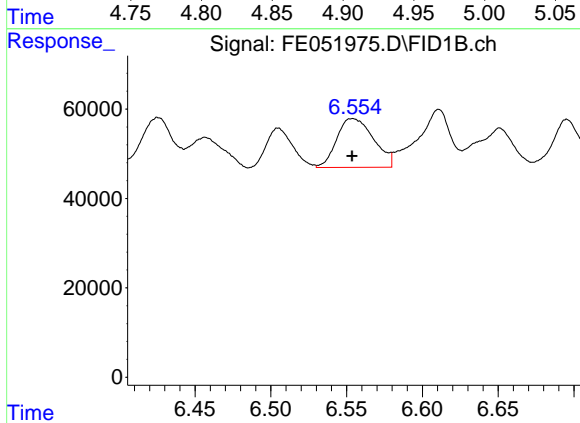




#2 n-Decane (C10)

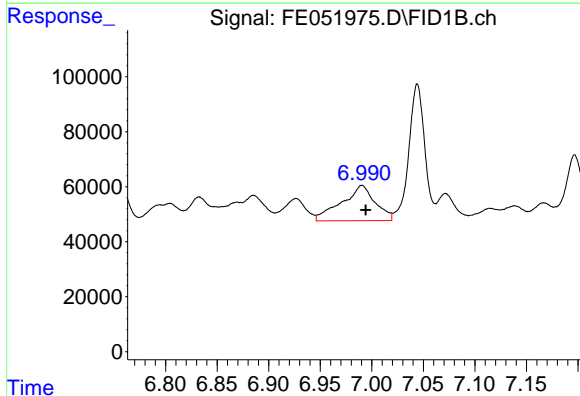
R.T.: 4.906 min
 Delta R.T.: 0.056 min
 Response: 197814
 Conc: 1.81 ug/ml

Instrument :
 FID_E
 ClientSampleId :



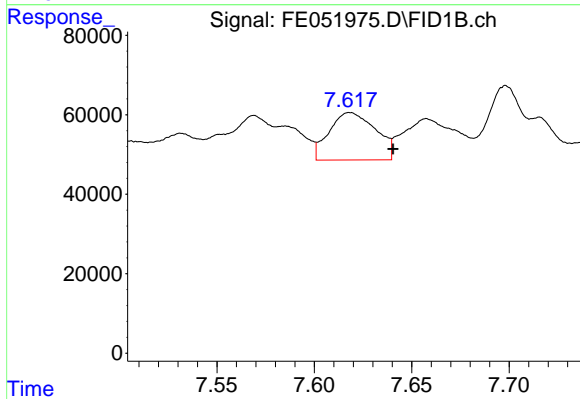
#3 A~Naphthalene (C11.7)

R.T.: 6.554 min
 Delta R.T.: 0.000 min
 Response: 185117
 Conc: 1.52 ug/ml



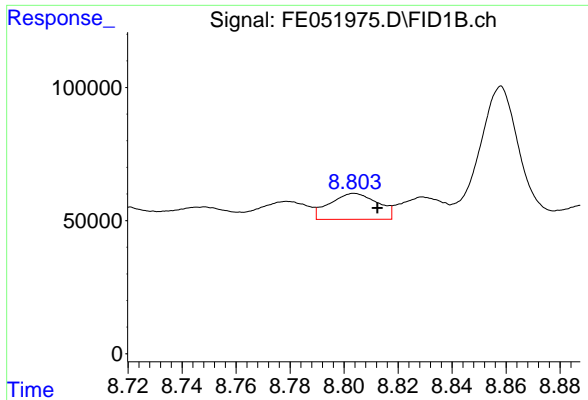
#4 n-Dodecane (C12)

R.T.: 6.991 min
 Delta R.T.: -0.004 min
 Response: 289667
 Conc: 2.57 ug/ml



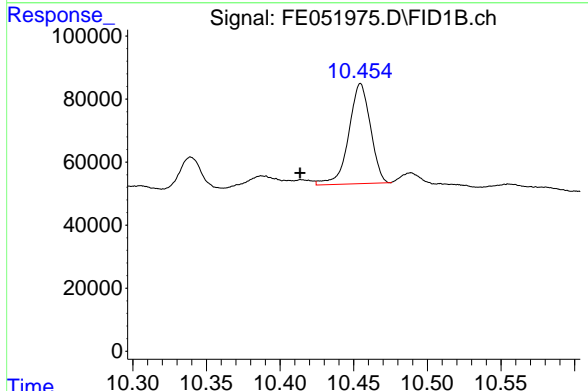
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.619 min
 Delta R.T.: -0.022 min
 Response: 198428
 Conc: 1.66 ug/ml

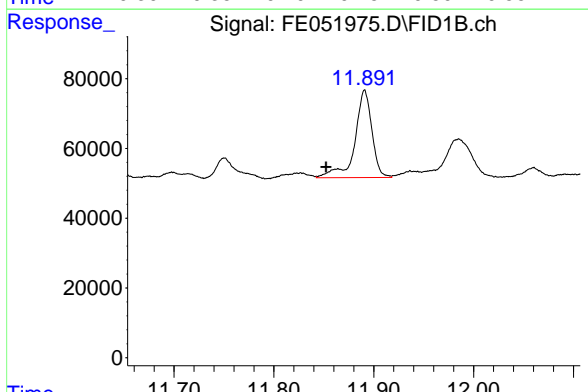


#6 n-Tetradecane (C14)
 R.T.: 8.804 min
 Delta R.T.: -0.008 min
 Response: 120056
 Conc: 1.03 ug/ml

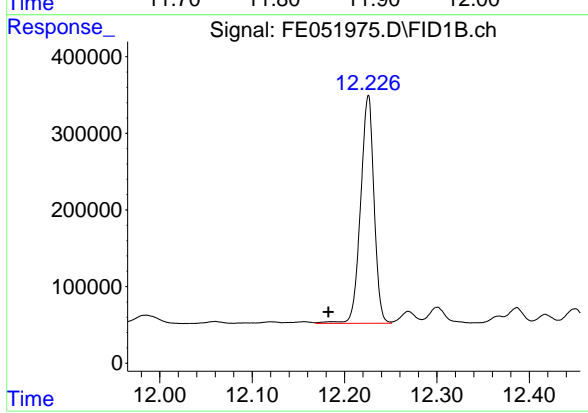
Instrument :
 FID_E
 ClientSampleId :



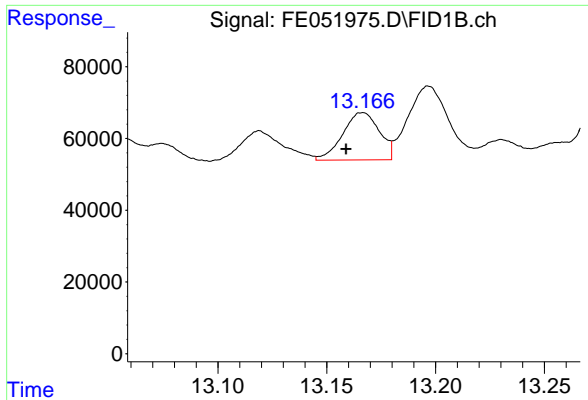
#7 n-Hexadecane (C16)
 R.T.: 10.455 min
 Delta R.T.: 0.041 min
 Response: 325513
 Conc: 2.58 ug/ml



#8 n-Octadecane (C18)
 R.T.: 11.891 min
 Delta R.T.: 0.038 min
 Response: 297001
 Conc: 2.24 ug/ml



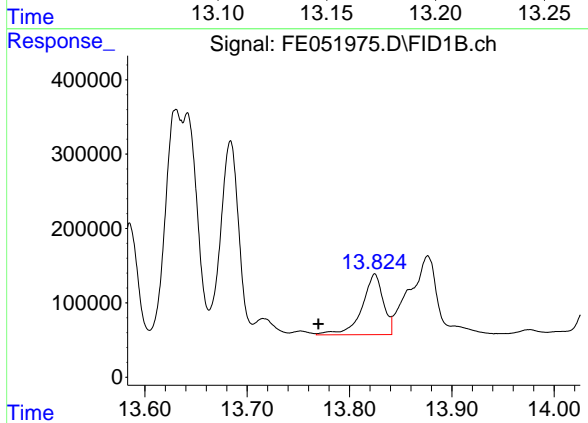
#9 ortho-Terphenyl (SURR)
 R.T.: 12.225 min
 Delta R.T.: 0.043 min
 Response: 3005736
 Conc: 21.03 ug/ml



#10 n-Eicosane (C20)

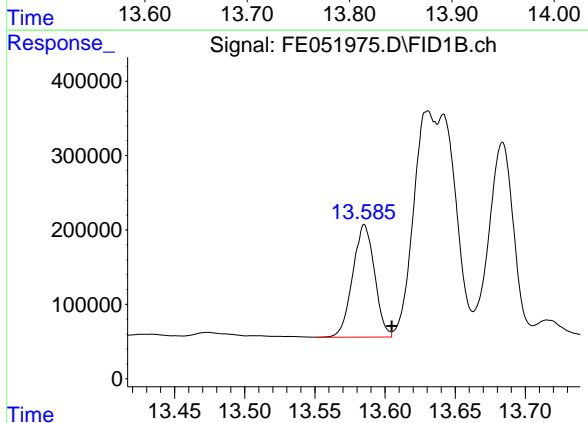
R.T.: 13.166 min
 Delta R.T.: 0.008 min
 Response: 154459
 Conc: 1.18 ug/ml

Instrument :
 FID_E
 ClientSampleId :



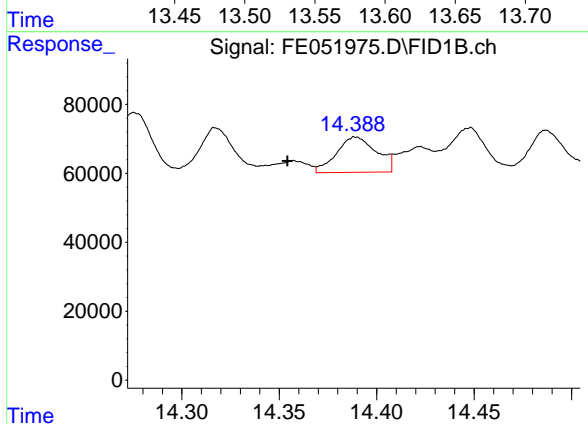
#11 n-Heneicosane (C21)

R.T.: 13.825 min
 Delta R.T.: 0.055 min
 Response: 1178257
 Conc: 9.05 ug/ml



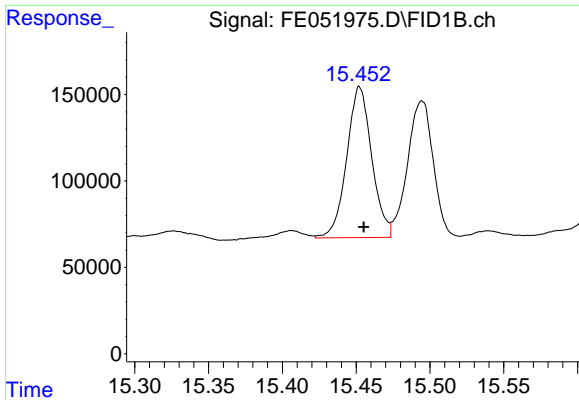
#12 1-chlorooctadecane (SURR)

R.T.: 13.585 min
 Delta R.T.: -0.020 min
 Response: 1640169
 Conc: 14.30 ug/ml



#13 n-Docosane (C22)

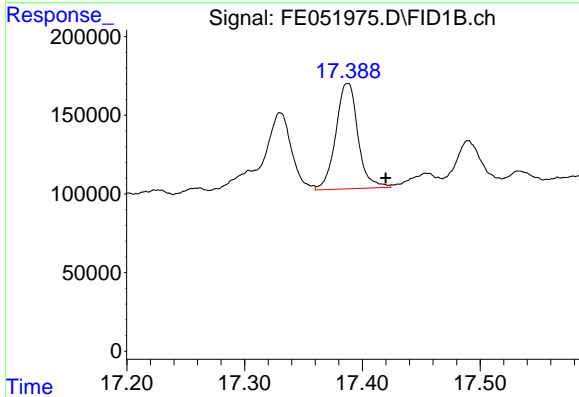
R.T.: 14.389 min
 Delta R.T.: 0.035 min
 Response: 146574
 Conc: 1.12 ug/ml



#14 n-Tetracosane (C24)

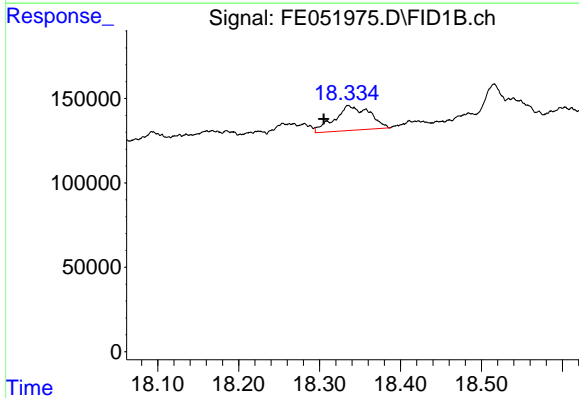
R.T.: 15.452 min
 Delta R.T.: -0.003 min
 Response: 1030916
 Conc: 7.76 ug/ml

Instrument :
 FID_E
 ClientSampleId :



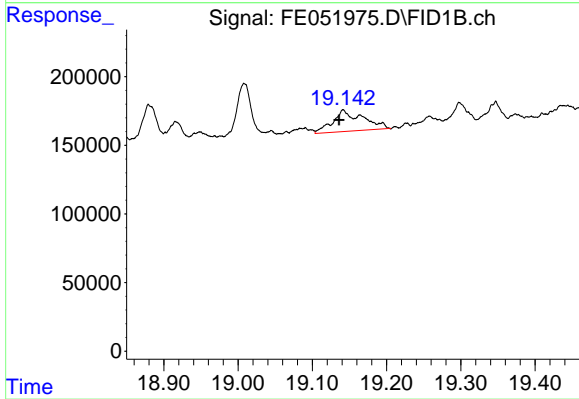
#16 n-Octacosane (C28)

R.T.: 17.387 min
 Delta R.T.: -0.033 min
 Response: 877805
 Conc: 6.65 ug/ml



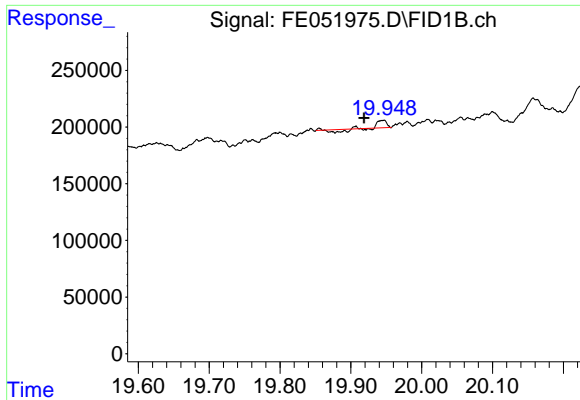
#17 n-Tricontane (C30)

R.T.: 18.336 min
 Delta R.T.: 0.031 min
 Response: 433810
 Conc: 3.18 ug/ml



#18 n-Dotriacontane (C32)

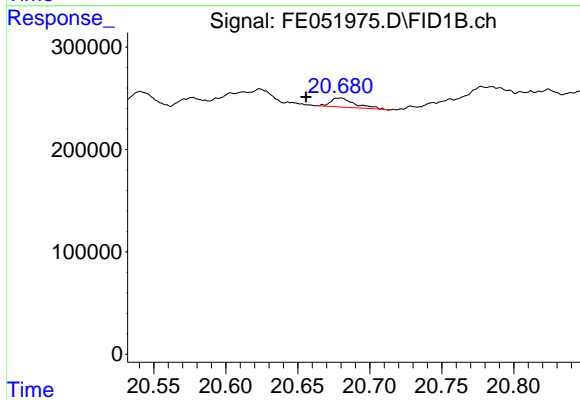
R.T.: 19.142 min
 Delta R.T.: 0.006 min
 Response: 440418
 Conc: 3.36 ug/ml



#19 n-Tetratriacontane (C34)

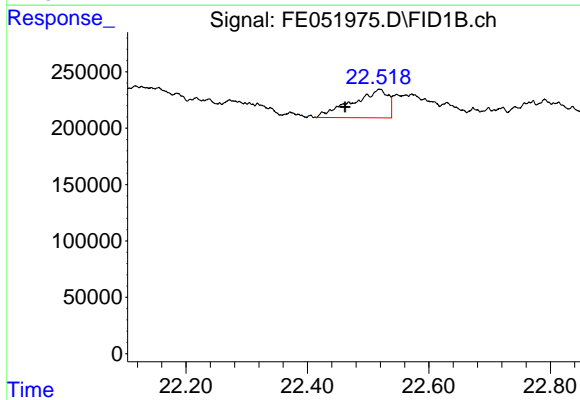
R.T.: 19.944 min
 Delta R.T.: 0.026 min
 Response: 25074
 Conc: 0.22 ug/ml

Instrument :
 FID_E
 ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.679 min
 Delta R.T.: 0.024 min
 Response: 102591
 Conc: 1.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.519 min
 Delta R.T.: 0.057 min
 Response: 1028484
 Conc: 12.48 ug/ml