

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049340.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 18:45
 Operator : YP\AJ
 Sample : P3403-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 01:22:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.841f	207176256	1335.729 ug/ml
Spiked Amount 50.000		Recovery	= 2671.46%
12) S 1-chlorooctadecane (S...	13.325	160314409	1372.133 ug/ml
Spiked Amount 50.000		Recovery	= 2744.27%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.298	81804	0.525 ug/ml
4) T n-Dodecane (C12)	6.708	48516	0.315 ug/ml
5) T A~2-methylnaphthalene...	7.337	216840	1.490 ug/ml
6) T n-Tetradecane (C14)	8.555	11398224	75.100 ug/ml
7) T n-Hexadecane (C16)	10.157	168719148	1112.517 ug/ml
8) T n-Octadecane (C18)	11.596	90733276	597.592 ug/ml
10) T n-Eicosane (C20)	12.924	62205949	430.172 ug/ml
11) T n-Heneicosane (C21)	13.539	124615295	878.760 ug/ml
13) T n-Docosane (C22)	14.096	75443431	536.987 ug/ml
14) T n-Tetracosane (C24)	15.244	89161150	636.176 ug/ml
15) T n-Hexacosane (C26)	16.194	18099207	129.076 ug/ml
16) T n-Octacosane (C28)	17.171	3351912	23.948 ug/ml
17) T n-Tricontane (C30)	18.055	1296755	8.890 ug/ml
18) T n-Dotriacontane (C32)	18.880	381133	2.592 ug/ml
19) T n-Tetratriacontane (C34)	19.666	107025	0.733 ug/ml
20) T n-Hexatriacontane (C36)	20.404	65676	0.456 ug/ml
22) T n-Tetracontane (C40)	22.032	62042	0.411 ug/ml

(f)=RT Delta > 1/2 Window

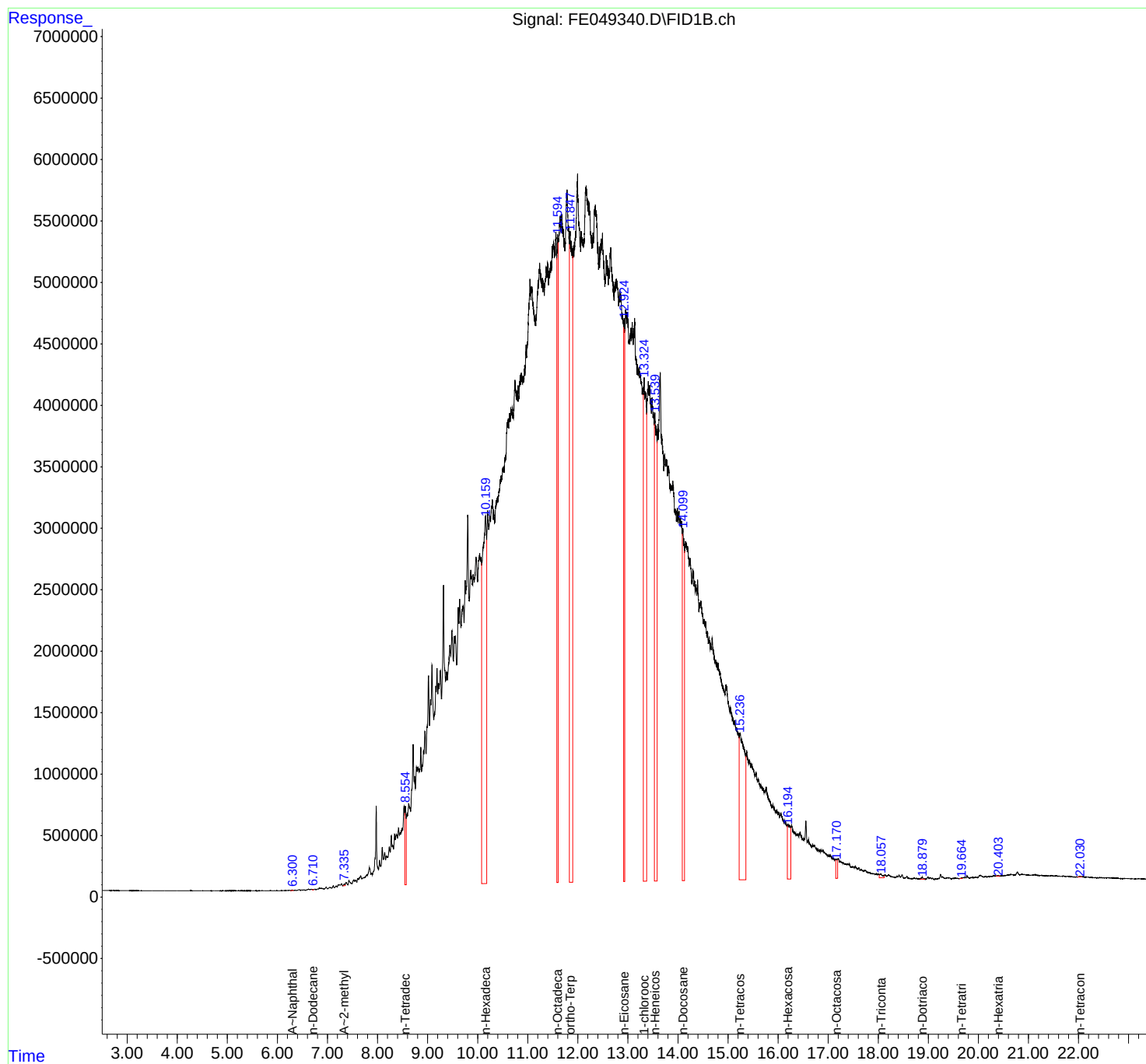
(m)=manual int.

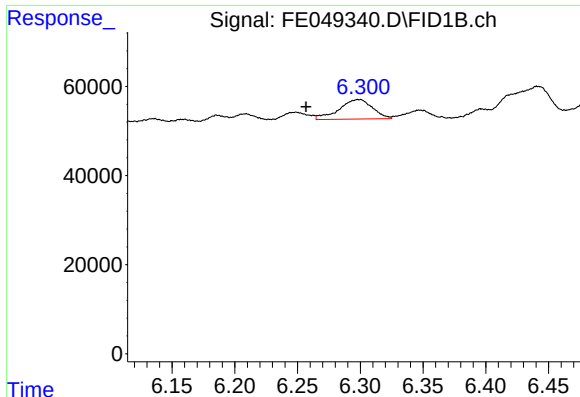
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Signal Info : 20M x 0.18mm x 0.18um

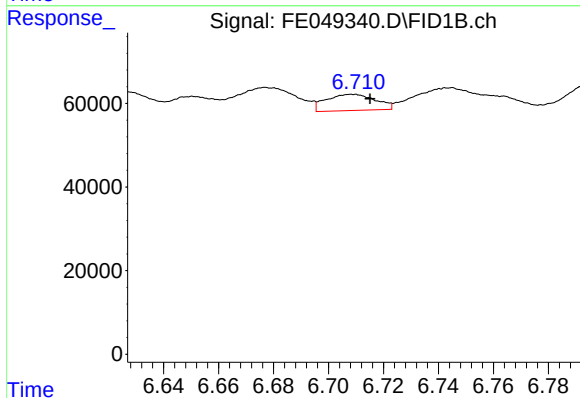




#3 A~Naphthalene (C11.7)

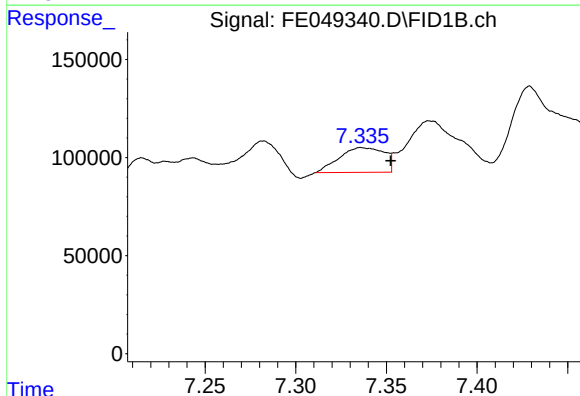
R.T.: 6.298 min
Delta R.T.: 0.042 min
Response: 81804
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



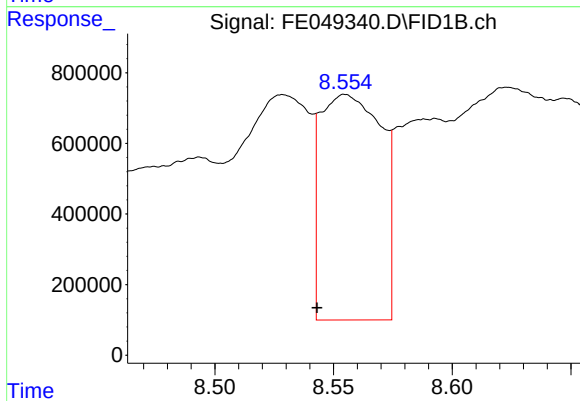
#4 n-Dodecane (C12)

R.T.: 6.708 min
Delta R.T.: -0.007 min
Response: 48516
Conc: 0.32 ug/ml



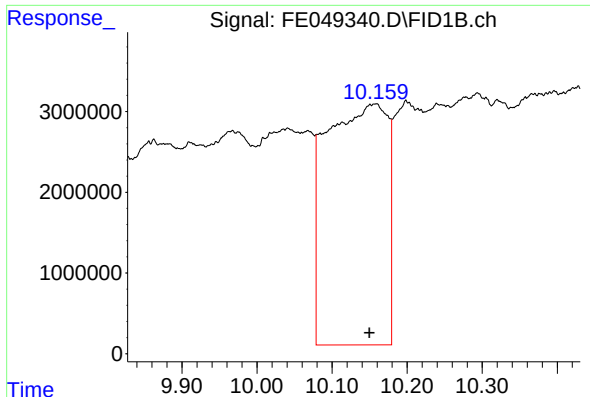
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: -0.015 min
Response: 216840
Conc: 1.49 ug/ml



#6 n-Tetradecane (C14)

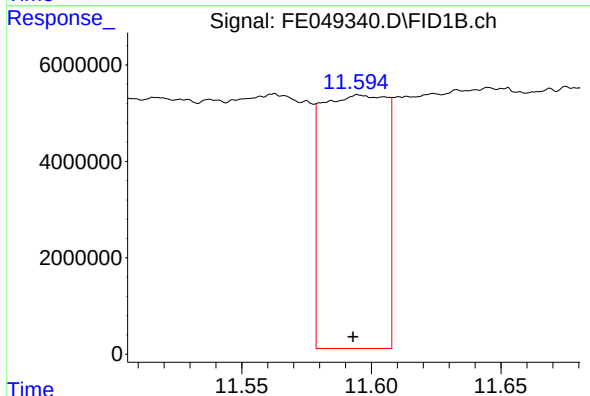
R.T.: 8.555 min
Delta R.T.: 0.012 min
Response: 11398224
Conc: 75.10 ug/ml



#7 n-Hexadecane (C16)

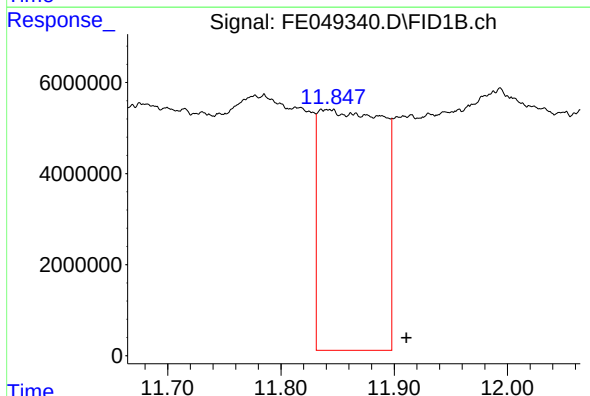
R.T.: 10.157 min
Delta R.T.: 0.007 min
Response: 168719148
Conc: 1112.52 ug/ml

Instrument :
FID_E
ClientSampleId :



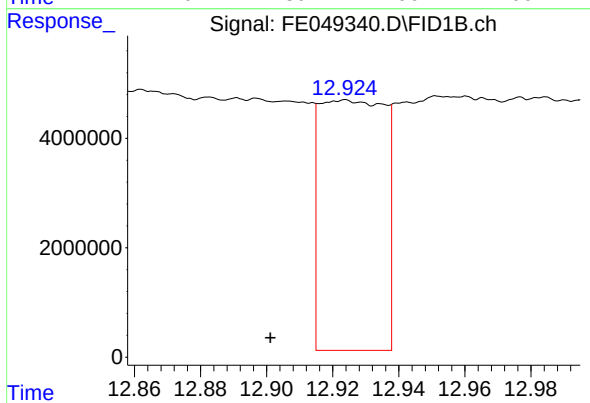
#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: 0.003 min
Response: 90733276
Conc: 597.59 ug/ml



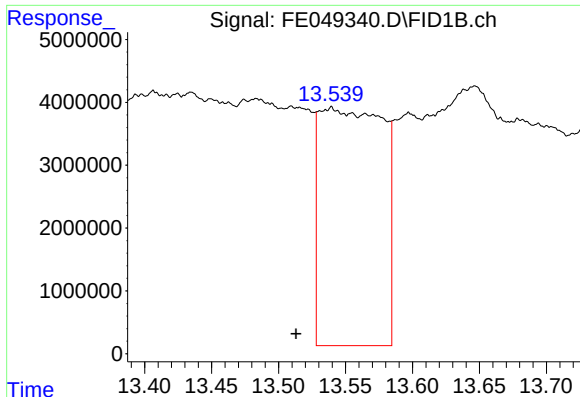
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.070 min
Response: 207176256
Conc: 1335.73 ug/ml



#10 n-Eicosane (C20)

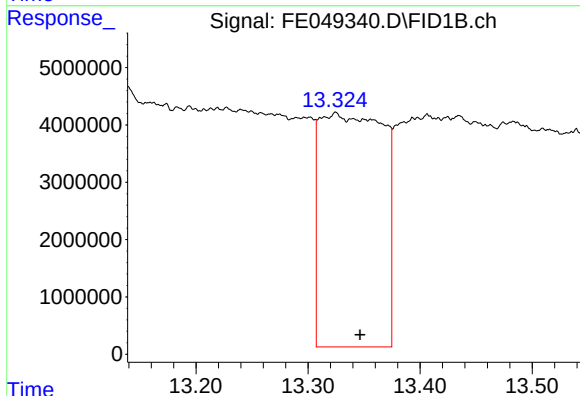
R.T.: 12.924 min
Delta R.T.: 0.022 min
Response: 62205949
Conc: 430.17 ug/ml



#11 n-Heneicosane (C21)

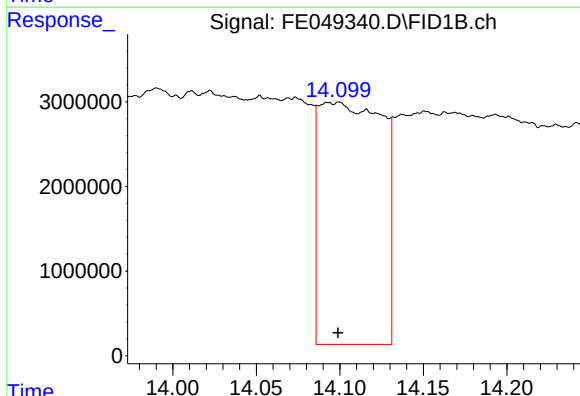
R.T.: 13.539 min
Delta R.T.: 0.026 min
Response: 124615295
Conc: 878.76 ug/ml

Instrument :
FID_E
ClientSampleId :



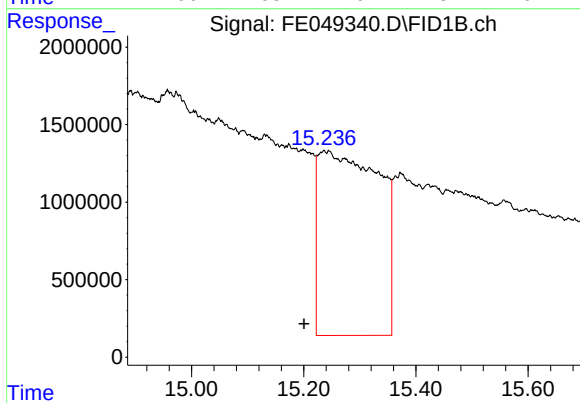
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: -0.022 min
Response: 160314409
Conc: 1372.13 ug/ml



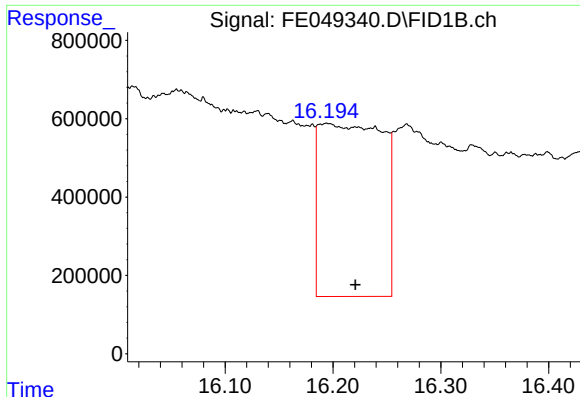
#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.003 min
Response: 75443431
Conc: 536.99 ug/ml



#14 n-Tetracosane (C24)

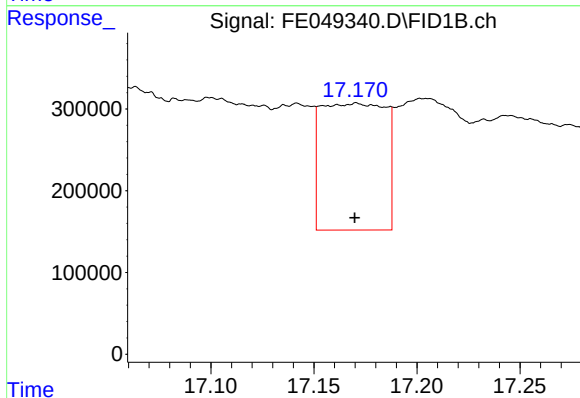
R.T.: 15.244 min
Delta R.T.: 0.043 min
Response: 89161150
Conc: 636.18 ug/ml



#15 n-Hexacosane (C26)

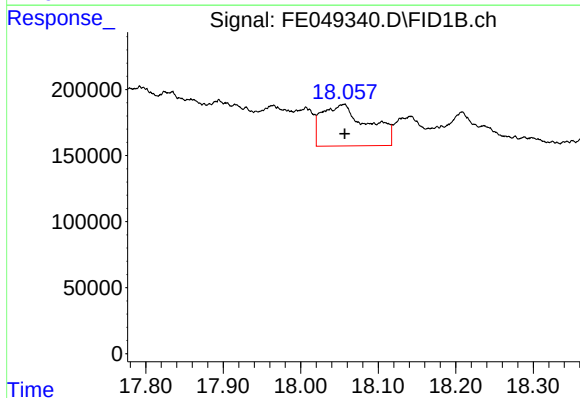
R.T.: 16.194 min
Delta R.T.: -0.027 min
Response: 18099207
Conc: 129.08 ug/ml

Instrument :
FID_E
ClientSampleId :



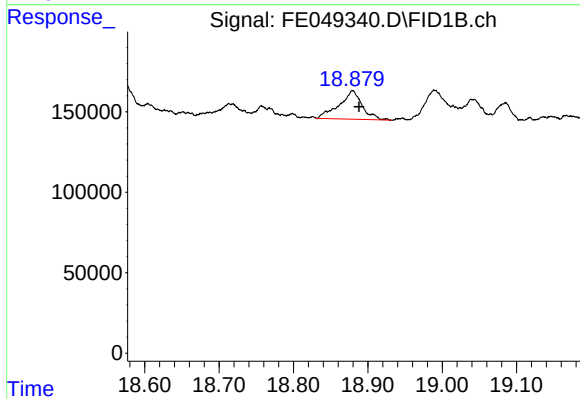
#16 n-Octacosane (C28)

R.T.: 17.171 min
Delta R.T.: 0.000 min
Response: 3351912
Conc: 23.95 ug/ml



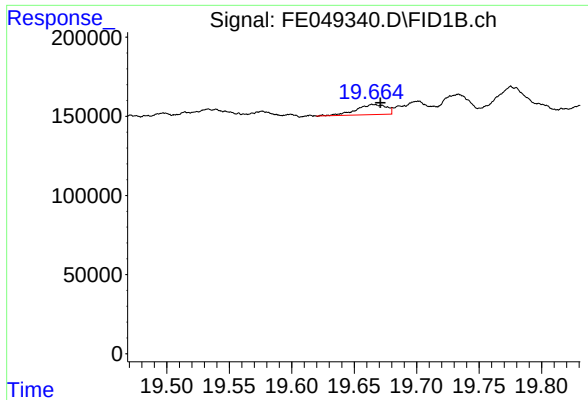
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.002 min
Response: 1296755
Conc: 8.89 ug/ml



#18 n-Dotriacontane (C32)

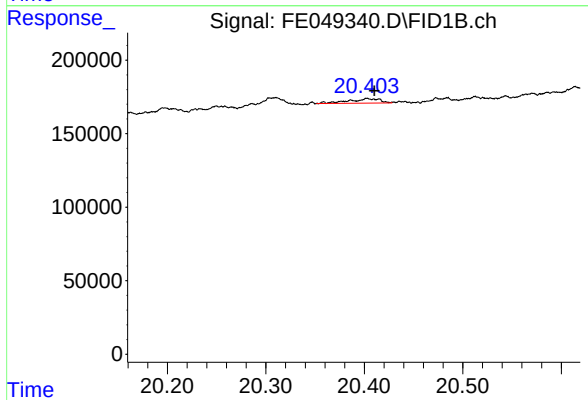
R.T.: 18.880 min
Delta R.T.: -0.008 min
Response: 381133
Conc: 2.59 ug/ml



#19 n-Tetratriacontane (C34)

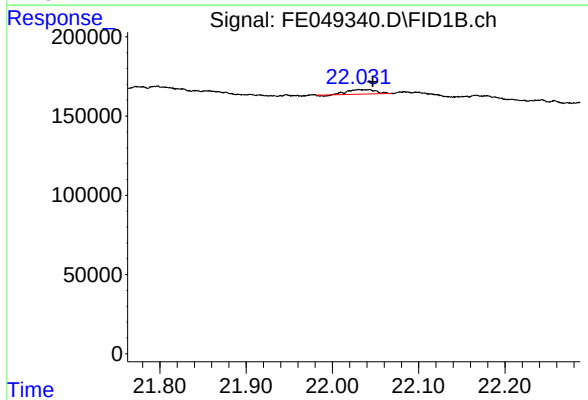
R.T.: 19.666 min
Delta R.T.: -0.005 min
Response: 107025
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: -0.007 min
Response: 65676
Conc: 0.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: -0.015 min
Response: 62042
Conc: 0.41 ug/ml