

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048331.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 17:49
 Operator : YP\AJ
 Sample : P2555-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 01:36:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.959	3660352	25.372 ug/ml
Spiked Amount 50.000		Recovery =	50.74%
12) S 1-chlorooctadecane (S...	13.384	10169909	91.013 ug/ml
Spiked Amount 50.000		Recovery =	182.03%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.300	85075	0.616 ug/ml
4) T n-Dodecane (C12)	6.759	255971	1.920 ug/ml
5) T A~2-methylnaphthalene...	7.400	447056	3.359 ug/ml
6) T n-Tetradecane (C14)	8.586	983624	7.422 ug/ml
7) T n-Hexadecane (C16)	10.194	1616194	11.751 ug/ml
8) T n-Octadecane (C18)	11.636	1629193	11.696 ug/ml
10) T n-Eicosane (C20)	12.946	1131721	8.405 ug/ml
11) T n-Heneicosane (C21)	13.591	3999676	30.215 ug/ml
13) T n-Docosane (C22)	14.144	639273	4.824 ug/ml
14) T n-Tetracosane (C24)	15.241	718565	5.397 ug/ml
15) T n-Hexacosane (C26)	16.267	327298	2.453 ug/ml
16) T n-Octacosane (C28)	17.218	1118812	8.403 ug/ml
17) T n-Tricontane (C30)	18.113	2150302	15.580 ug/ml
18) T n-Dotriacontane (C32)	18.937	3229620	23.382 ug/ml
19) T n-Tetratriacontane (C34)	19.726	3668607	26.931 ug/ml
20) T n-Hexatriacontane (C36)	20.469	4387196	32.402 ug/ml
21) T n-Octatriacontane (C38)	21.201	5975591	43.280 ug/ml
22) T n-Tetracontane (C40)	22.133	3951420	28.362 ug/ml

(f)=RT Delta > 1/2 Window

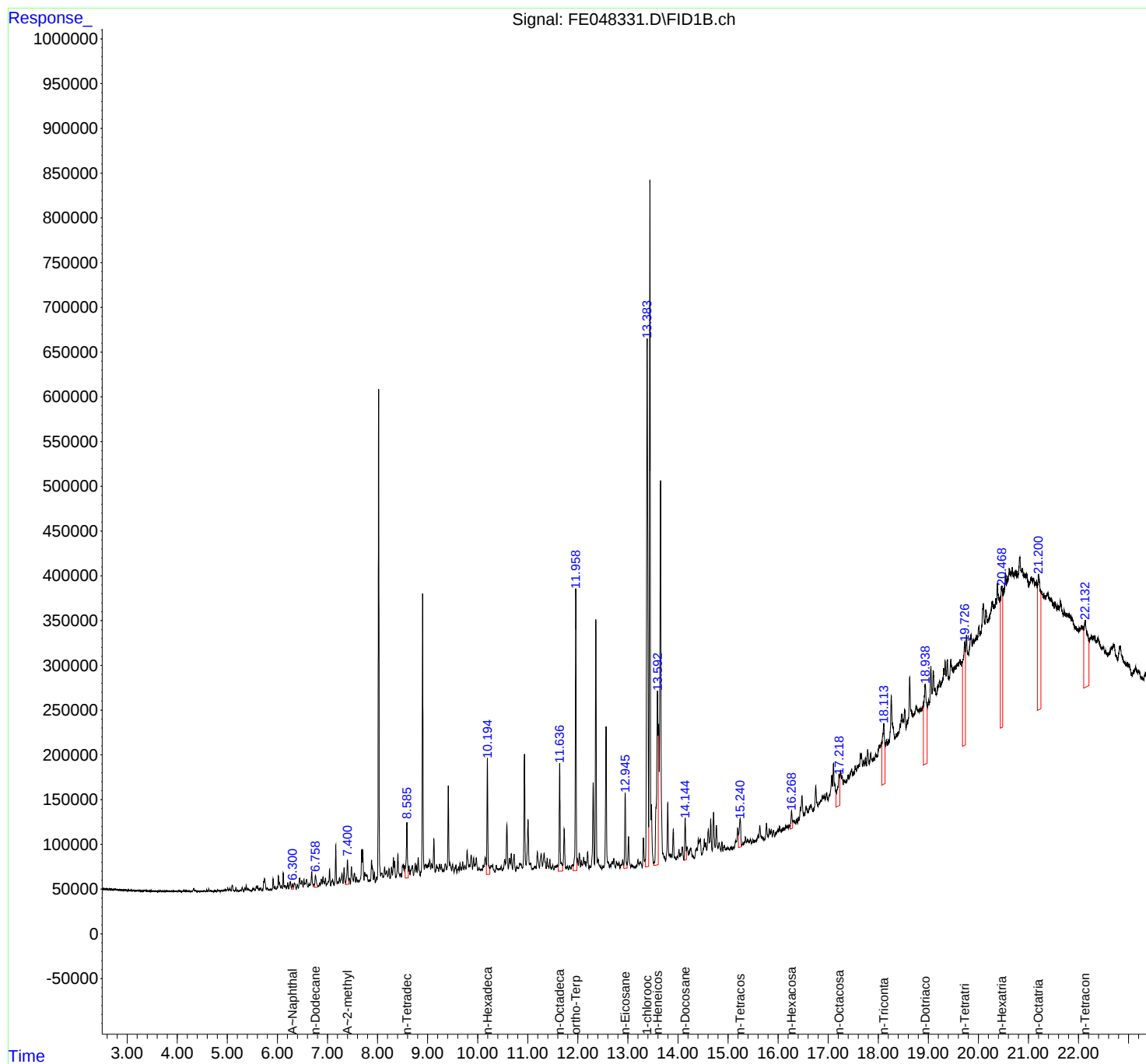
(m)=manual int.

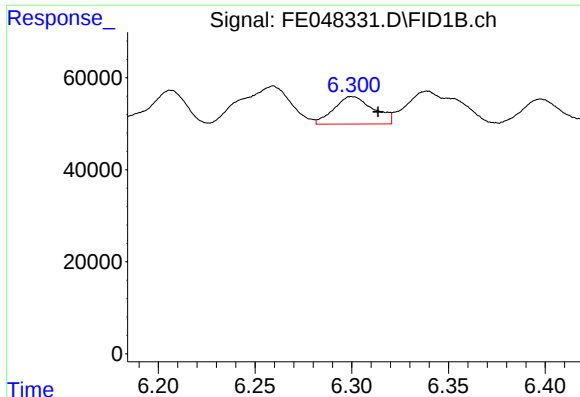
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
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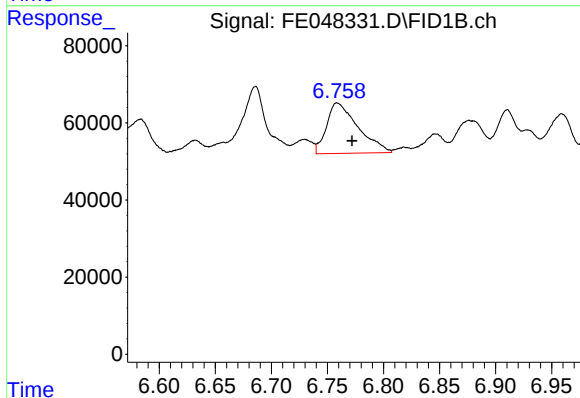




#3 A~Naphthalene (C11.7)

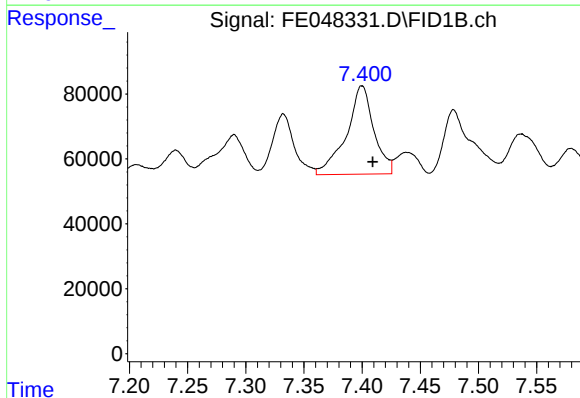
R.T.: 6.300 min
Delta R.T.: -0.014 min
Response: 85075
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



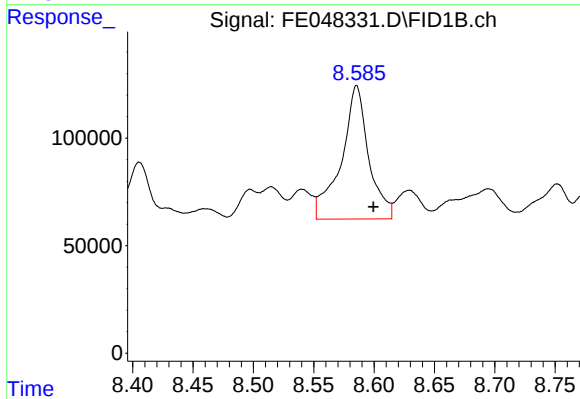
#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 255971
Conc: 1.92 ug/ml



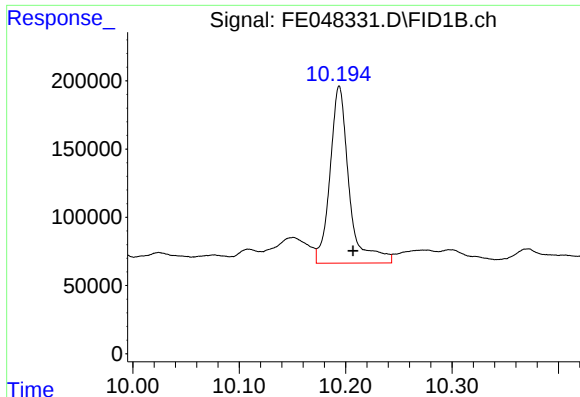
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.400 min
Delta R.T.: -0.009 min
Response: 447056
Conc: 3.36 ug/ml



#6 n-Tetradecane (C14)

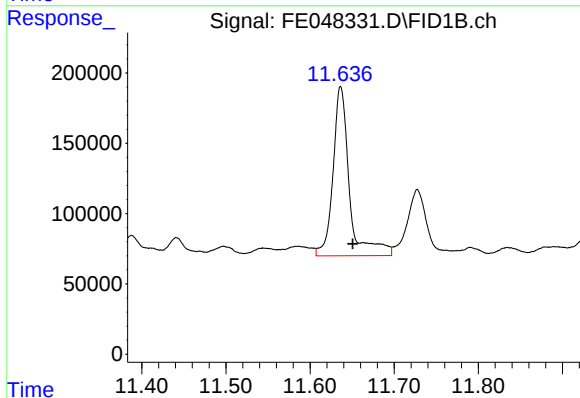
R.T.: 8.586 min
Delta R.T.: -0.014 min
Response: 983624
Conc: 7.42 ug/ml



#7 n-Hexadecane (C16)

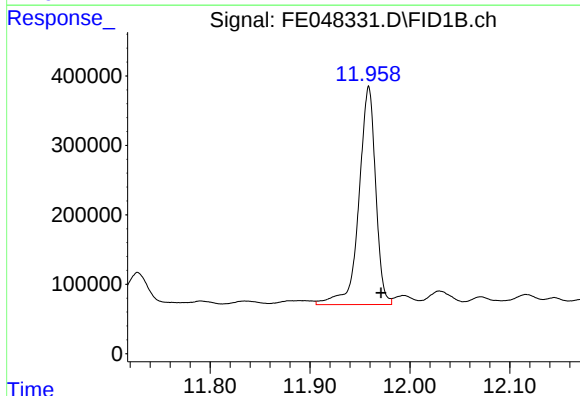
R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 1616194
Conc: 11.75 ug/ml

Instrument :
FID_E
ClientSampleId :



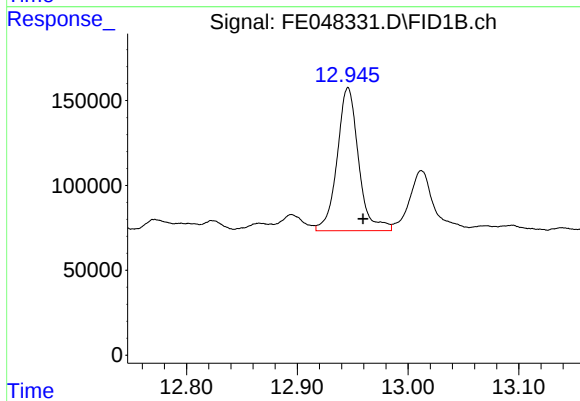
#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.014 min
Response: 1629193
Conc: 11.70 ug/ml



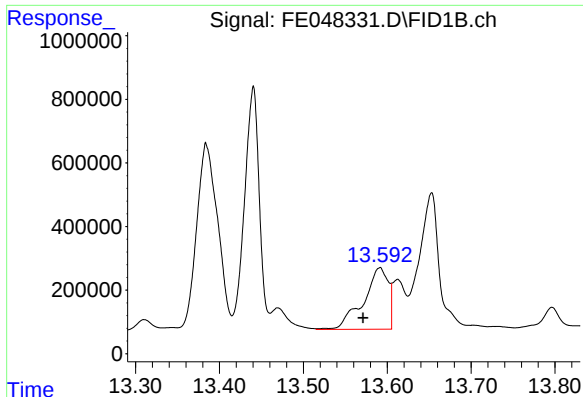
#9 ortho-Terphenyl (SURR)

R.T.: 11.959 min
Delta R.T.: -0.012 min
Response: 3660352
Conc: 25.37 ug/ml



#10 n-Eicosane (C20)

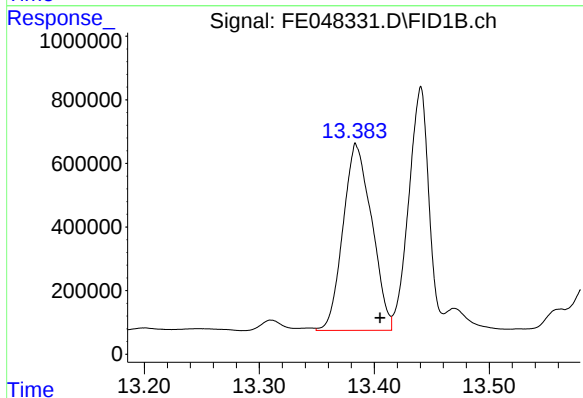
R.T.: 12.946 min
Delta R.T.: -0.014 min
Response: 1131721
Conc: 8.41 ug/ml



#11 n-Heneicosane (C21)

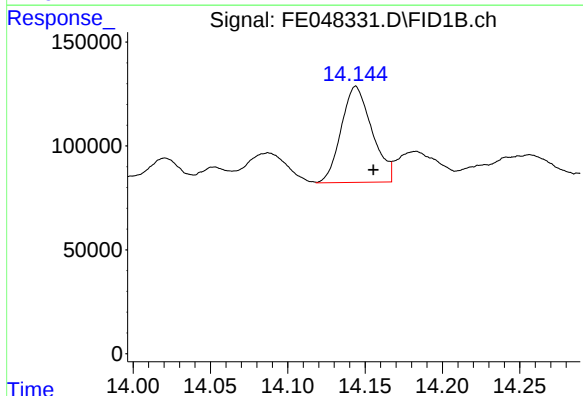
R.T.: 13.591 min
Delta R.T.: 0.020 min
Response: 3999676
Conc: 30.21 ug/ml

Instrument :
FID_E
ClientSampleId :



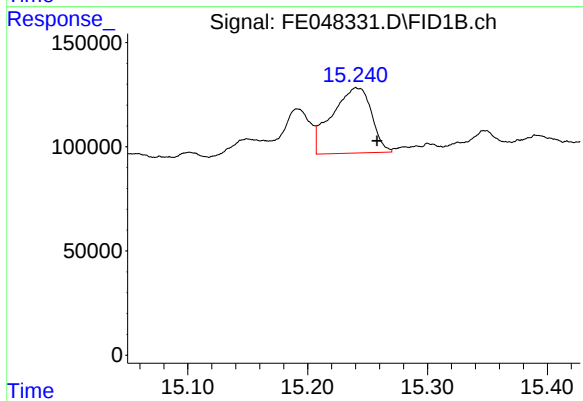
#12 1-chlorooctadecane (SURR)

R.T.: 13.384 min
Delta R.T.: -0.021 min
Response: 10169909
Conc: 91.01 ug/ml



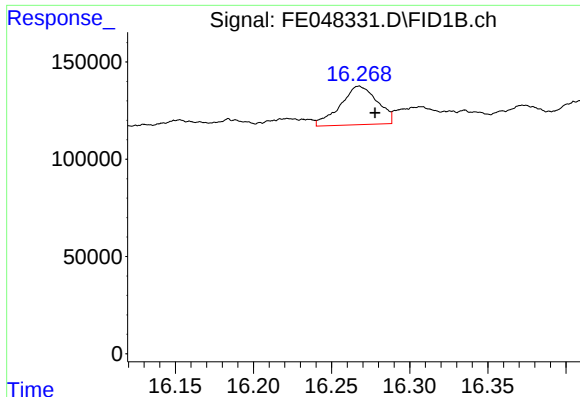
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 639273
Conc: 4.82 ug/ml



#14 n-Tetracosane (C24)

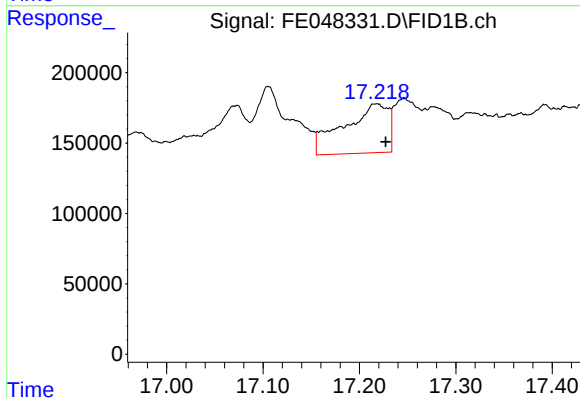
R.T.: 15.241 min
Delta R.T.: -0.017 min
Response: 718565
Conc: 5.40 ug/ml



#15 n-Hexacosane (C26)

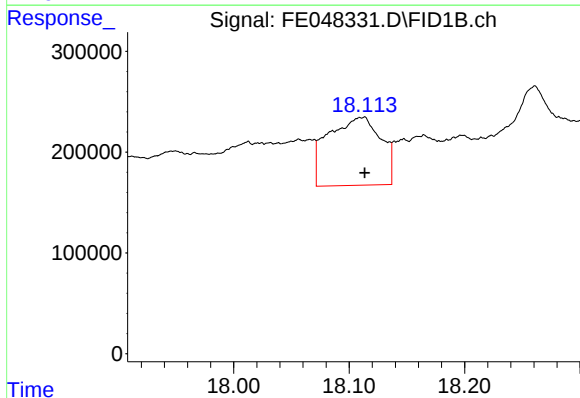
R.T.: 16.267 min
Delta R.T.: -0.010 min
Response: 327298
Conc: 2.45 ug/ml

Instrument :
FID_E
ClientSampleId :



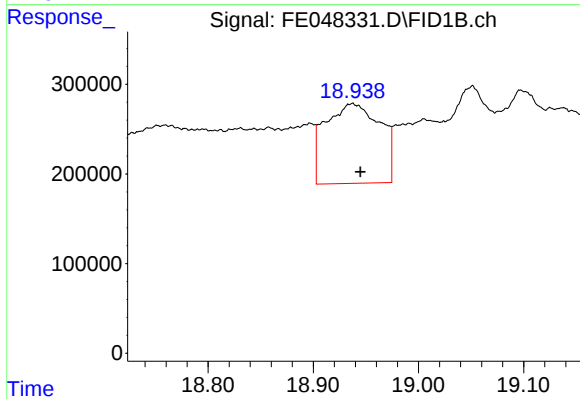
#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.009 min
Response: 1118812
Conc: 8.40 ug/ml



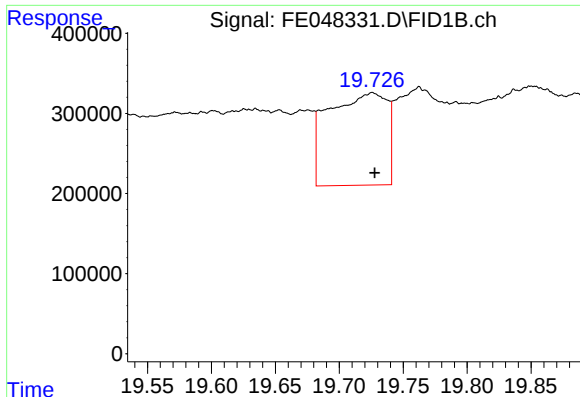
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2150302
Conc: 15.58 ug/ml



#18 n-Dotriacontane (C32)

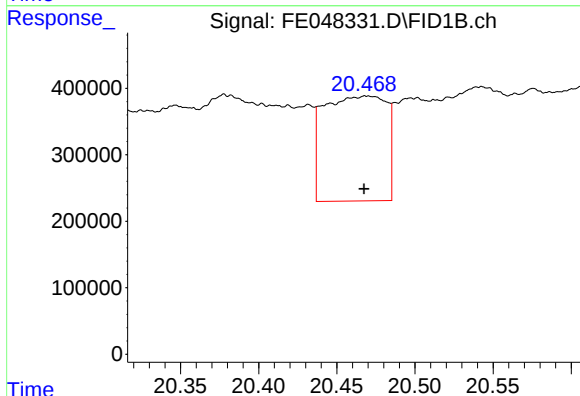
R.T.: 18.937 min
Delta R.T.: -0.008 min
Response: 3229620
Conc: 23.38 ug/ml



#19 n-Tetratriacontane (C34)

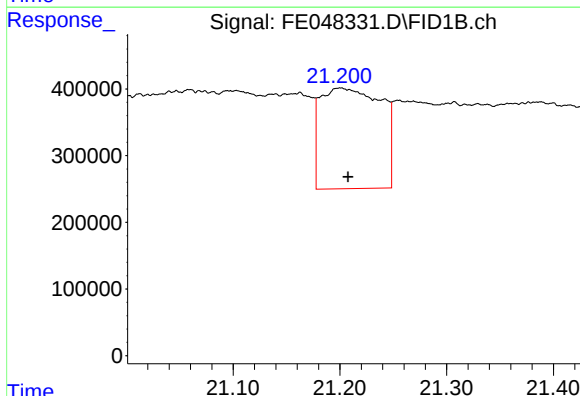
R.T.: 19.726 min
Delta R.T.: -0.002 min
Response: 3668607
Conc: 26.93 ug/ml

Instrument :
FID_E
ClientSampleId :



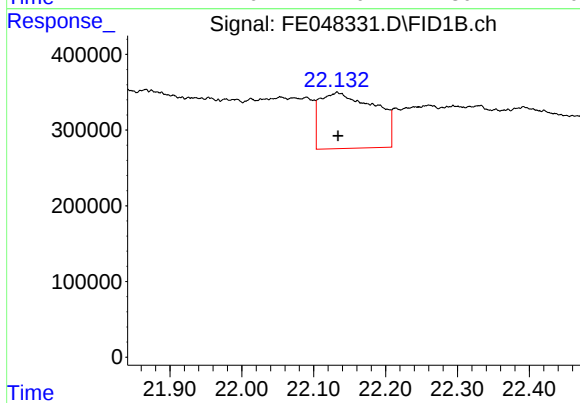
#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.002 min
Response: 4387196
Conc: 32.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.007 min
Response: 5975591
Conc: 43.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.001 min
Response: 3951420
Conc: 28.36 ug/ml