

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048371.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 02:03
 Operator : YP\AJ
 Sample : P2580-01D
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 07:32:05 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)	11.957	4578690	31.738 ug/ml
Spiked Amount 50.000		Recovery =	63.48%
12) S 1-chlorooctadecane (S...	13.392	29594225	264.846 ug/ml
Spiked Amount 50.000		Recovery =	529.69%
Target Compounds			
2) T n-Decane (C10)	4.589	41547	0.316 ug/ml
3) T A~Naphthalene (C11.7)	6.365f	143673	1.040 ug/ml
4) T n-Dodecane (C12)	6.756	90903	0.682 ug/ml
5) T A~2-methylnaphthalene...	7.398	123909	0.931 ug/ml
6) T n-Tetradecane (C14)	8.583	257067	1.940 ug/ml
7) T n-Hexadecane (C16)	10.192	387716	2.819 ug/ml
8) T n-Octadecane (C18)	11.634	441827	3.172 ug/ml
10) T n-Eicosane (C20)	12.943	322323	2.394 ug/ml
11) T n-Heneicosane (C21)	13.578	1326313	10.019 ug/ml
13) T n-Docosane (C22)	14.143	282059	2.128 ug/ml
14) T n-Tetracosane (C24)	15.240	674579	5.066 ug/ml
15) T n-Hexacosane (C26)	16.265	174473	1.307 ug/ml
16) T n-Octacosane (C28)	17.214	315220	2.367 ug/ml
17) T n-Tricontane (C30)	18.105	1301098	9.427 ug/ml
18) T n-Dotriacontane (C32)	18.936	1697024	12.286 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2185701	16.045 ug/ml
20) T n-Hexatriacontane (C36)	20.462	4230630	31.246 ug/ml
21) T n-Octatriacontane (C38)	21.194	5294980	38.351 ug/ml
22) T n-Tetracontane (C40)	22.105	4344869	31.186 ug/ml

(f)=RT Delta > 1/2 Window

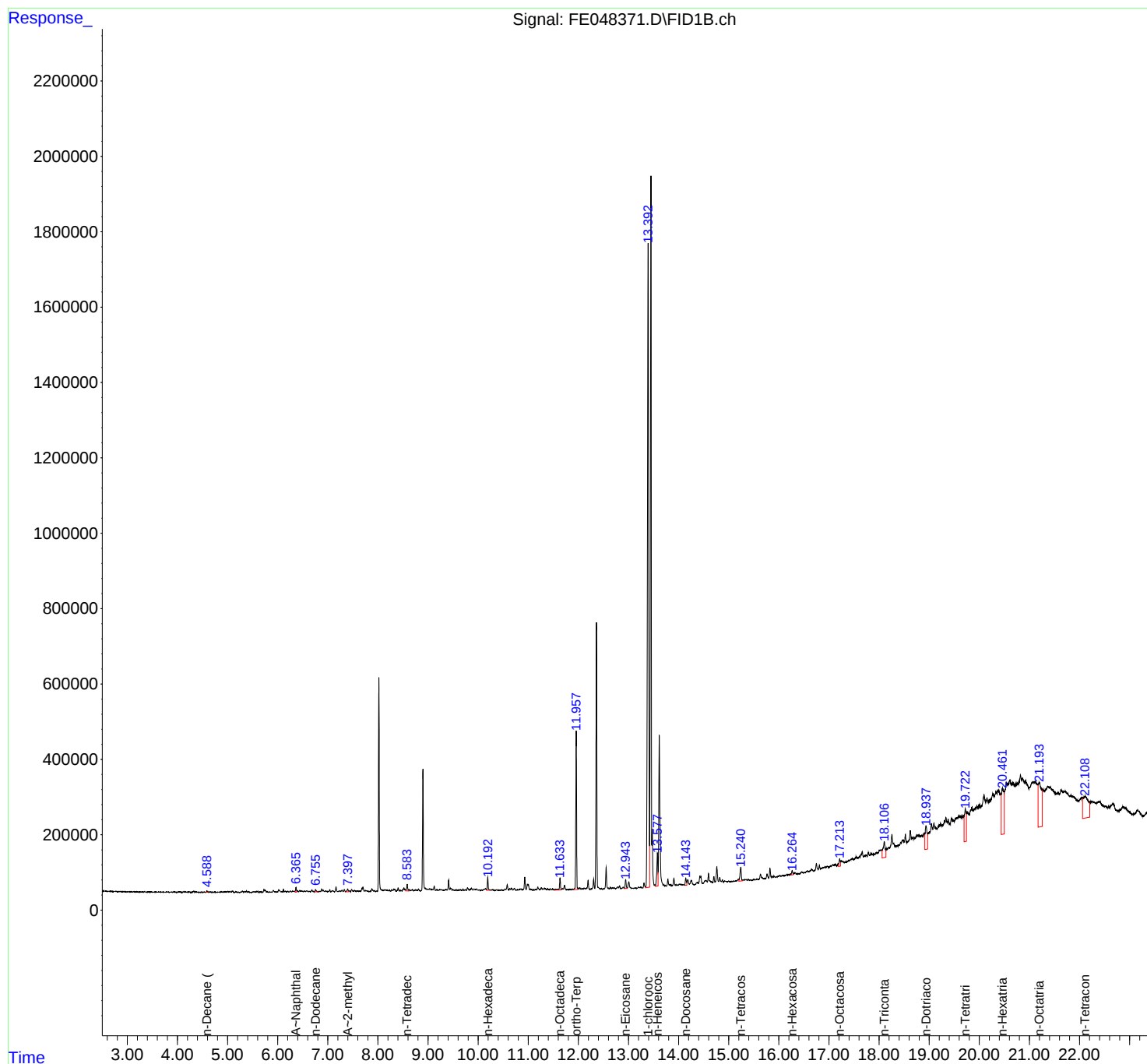
(m)=manual int.

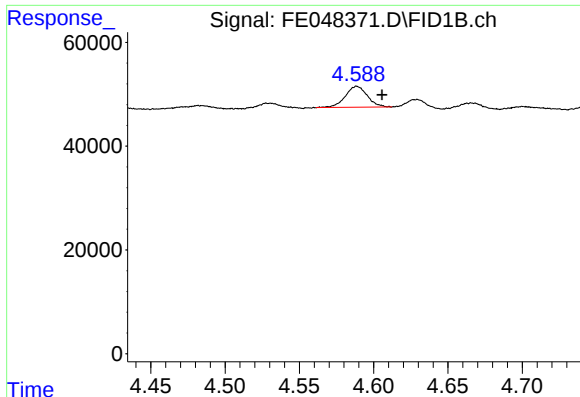
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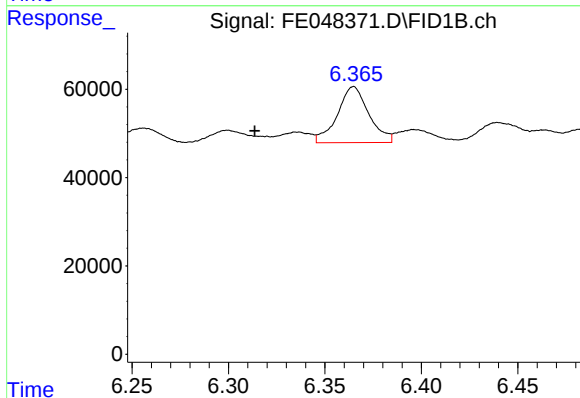




#2 n-Decane (C10)

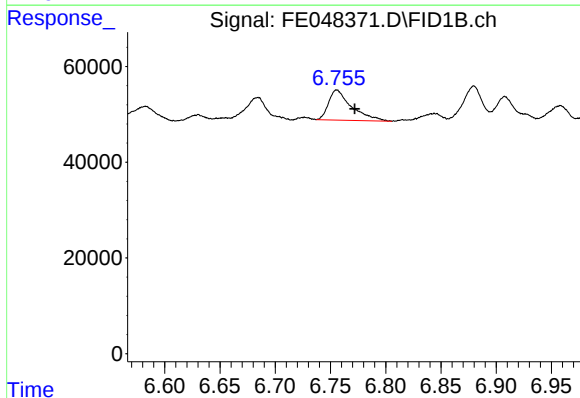
R.T.: 4.589 min
Delta R.T.: -0.017 min
Response: 41547
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



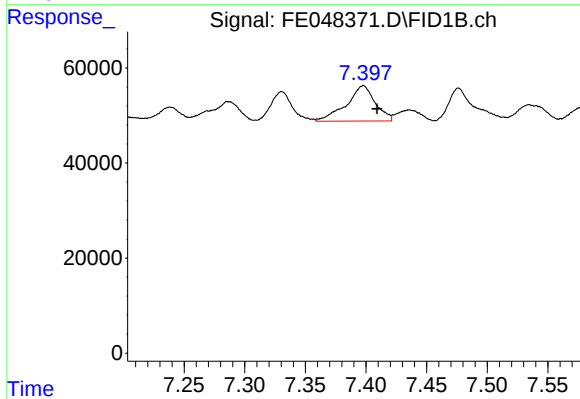
#3 A~Naphthalene (C11.7)

R.T.: 6.365 min
Delta R.T.: 0.051 min
Response: 143673
Conc: 1.04 ug/ml



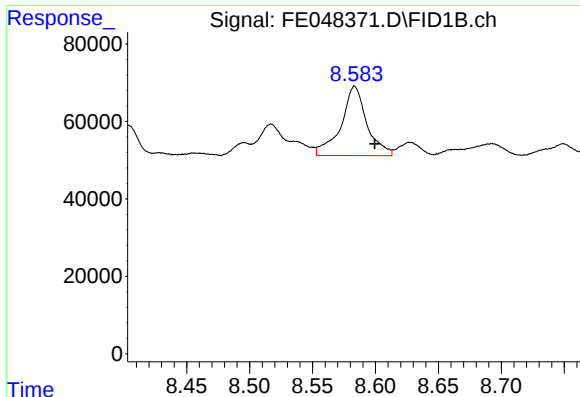
#4 n-Dodecane (C12)

R.T.: 6.756 min
Delta R.T.: -0.016 min
Response: 90903
Conc: 0.68 ug/ml



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

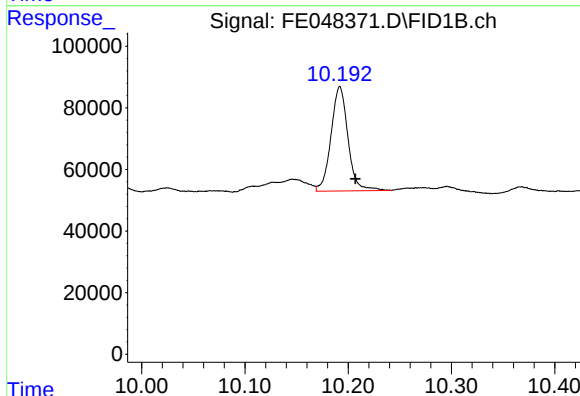
R.T.: 7.398 min
Delta R.T.: -0.011 min
Response: 123909
Conc: 0.93 ug/ml



#6 n-Tetradecane (C14)

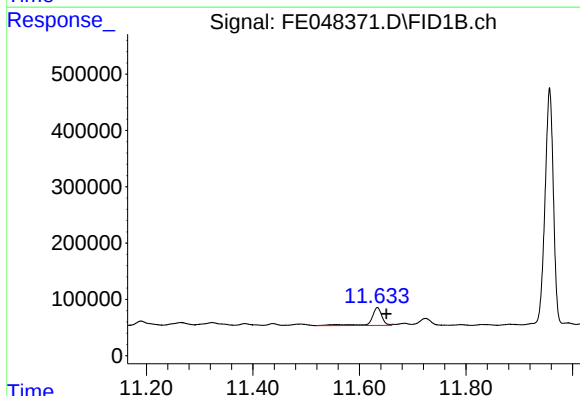
R.T.: 8.583 min
Delta R.T.: -0.016 min
Response: 257067
Conc: 1.94 ug/ml

Instrument :
FID_E
ClientSampleId :



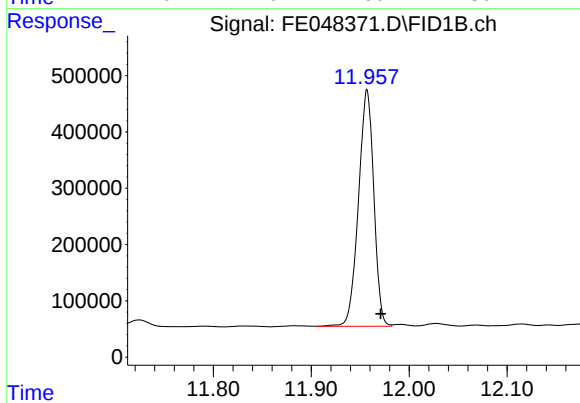
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 387716
Conc: 2.82 ug/ml



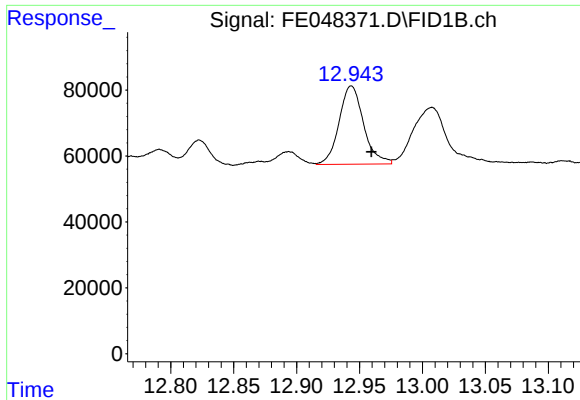
#8 n-Octadecane (C18)

R.T.: 11.634 min
Delta R.T.: -0.017 min
Response: 441827
Conc: 3.17 ug/ml



#9 ortho-Terphenyl (SURR)

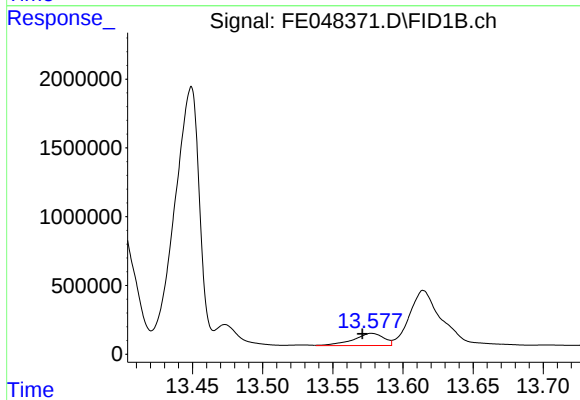
R.T.: 11.957 min
Delta R.T.: -0.014 min
Response: 4578690
Conc: 31.74 ug/ml



#10 n-Eicosane (C20)

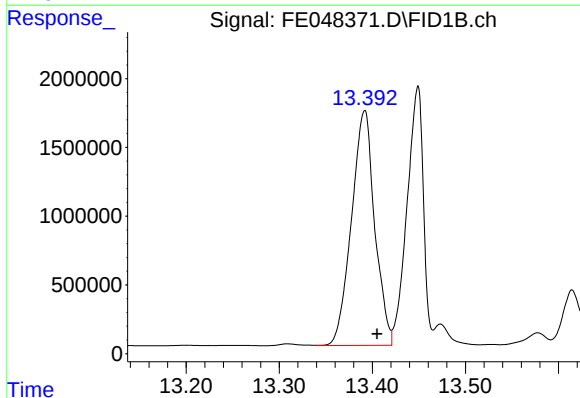
R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 322323
Conc: 2.39 ug/ml

Instrument :
FID_E
ClientSampleId :



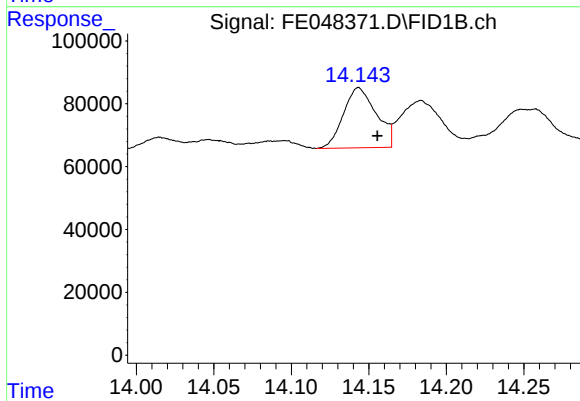
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.007 min
Response: 1326313
Conc: 10.02 ug/ml



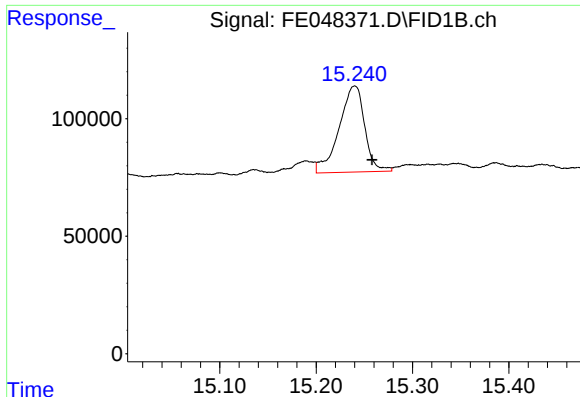
#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 29594225
Conc: 264.85 ug/ml



#13 n-Docosane (C22)

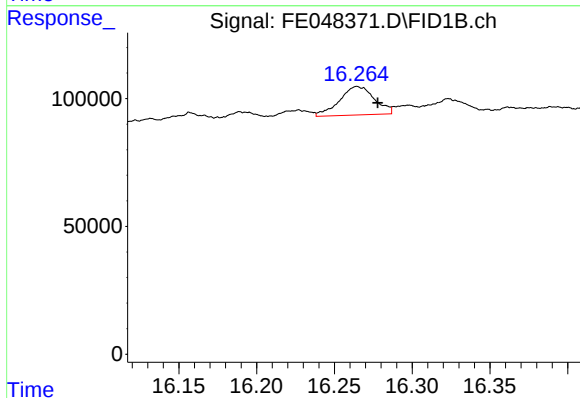
R.T.: 14.143 min
Delta R.T.: -0.012 min
Response: 282059
Conc: 2.13 ug/ml



#14 n-Tetracosane (C24)

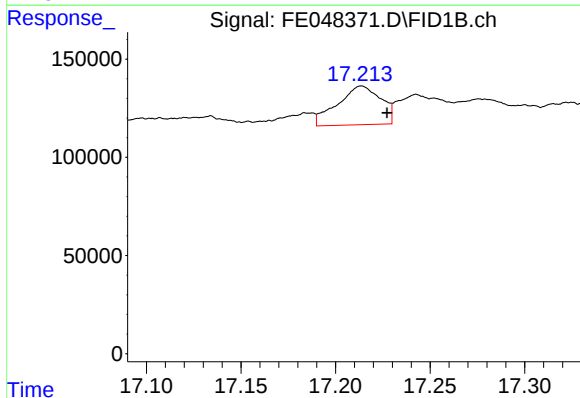
R.T.: 15.240 min
Delta R.T.: -0.018 min
Response: 674579
Conc: 5.07 ug/ml

Instrument :
FID_E
ClientSampleId :



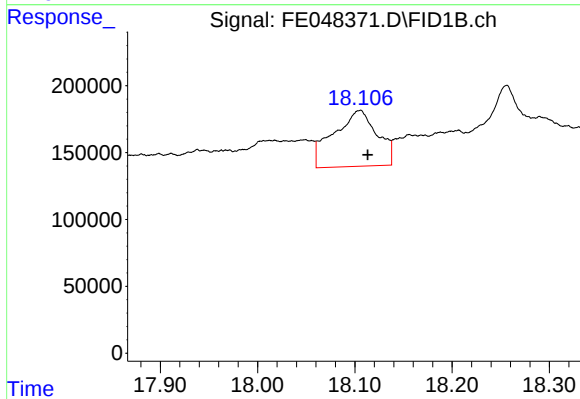
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.013 min
Response: 174473
Conc: 1.31 ug/ml



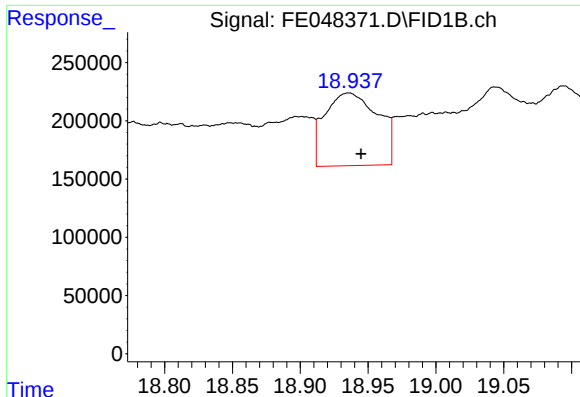
#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: -0.013 min
Response: 315220
Conc: 2.37 ug/ml



#17 n-Tricontane (C30)

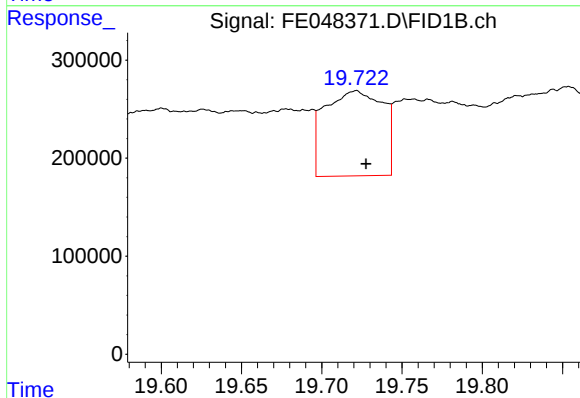
R.T.: 18.105 min
Delta R.T.: -0.008 min
Response: 1301098
Conc: 9.43 ug/ml



#18 n-Dotriacontane (C32)

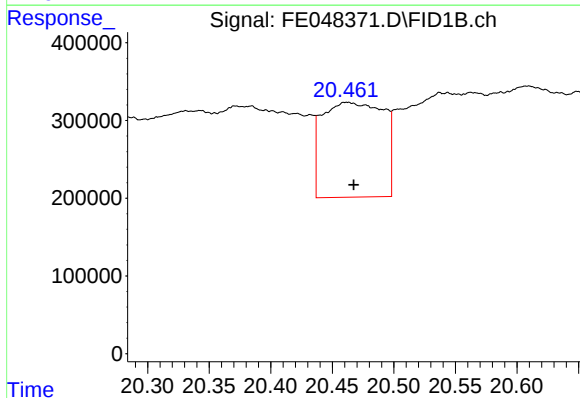
R.T.: 18.936 min
Delta R.T.: -0.009 min
Response: 1697024
Conc: 12.29 ug/ml

Instrument :
FID_E
ClientSampleId :



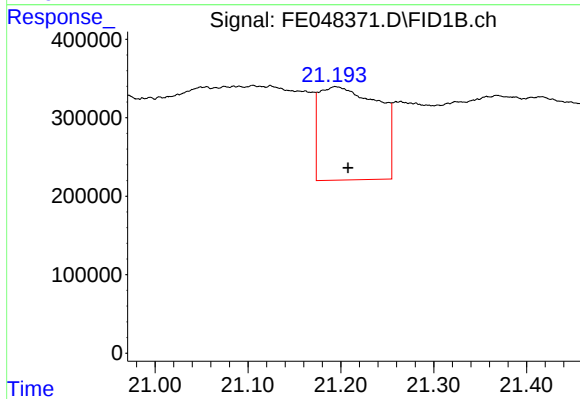
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.006 min
Response: 2185701
Conc: 16.05 ug/ml



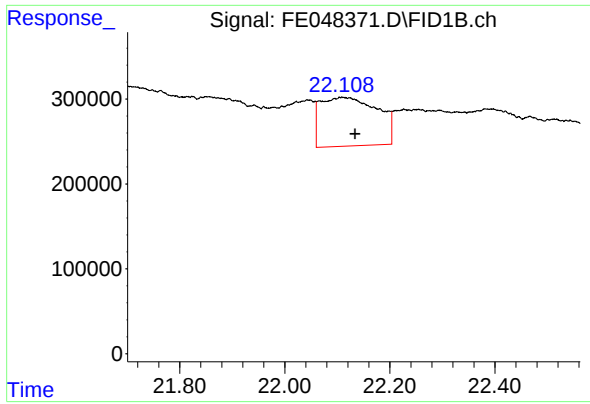
#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.006 min
Response: 4230630
Conc: 31.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.014 min
Response: 5294980
Conc: 38.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.029 min
Response: 4344869
Conc: 31.19 ug/ml

Instrument :

FID_E

ClientSampleId :