

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021925AL\
 Data File : FE052408.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2025 16:33
 Operator : YP\AJ
 Sample : Q1384-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 20 00:20:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 Qlast Update : Fri Feb 14 00:50:00 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)	11.923	4972652	26.601 ug/ml
Spiked Amount 50.000		Recovery =	53.20%
12) S 1-chlorooctadecane (S...	13.368	4401311	31.665 ug/ml
Spiked Amount 50.000		Recovery =	63.33%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.234	79371	0.459 ug/ml
4) T n-Dodecane (C12)	6.700	176887	1.121 ug/ml
5) T A~2-methylnaphthalene...	7.337	154085	0.917 ug/ml
6) T n-Tetradecane (C14)	8.539	348685	2.214 ug/ml
7) T n-Hexadecane (C16)	10.155	379494	2.322 ug/ml
8) T n-Octadecane (C18)	11.604	303435	1.834 ug/ml
10) T n-Eicosane (C20)	12.921	272606	1.710 ug/ml
11) T n-Heneicosane (C21)	13.538	238922	1.525 ug/ml
13) T n-Docosane (C22)	14.124	272132	1.739 ug/ml
14) T n-Tetracosane (C24)	15.203	799585	5.084 ug/ml
15) T n-Hexacosane (C26)	16.262	145198	0.937 ug/ml
16) T n-Octacosane (C28)	17.210	348321	2.277 ug/ml
17) T n-Tricontane (C30)	18.100	826262	5.293 ug/ml
19) T n-Tetratriacontane (C34)	19.753	183849	1.292 ug/ml
20) T n-Hexatriacontane (C36)	20.468	59020	0.474 ug/ml
22) T n-Tetracontane (C40)	22.138	1425489	14.171 ug/ml

(f)=RT Delta > 1/2 Window

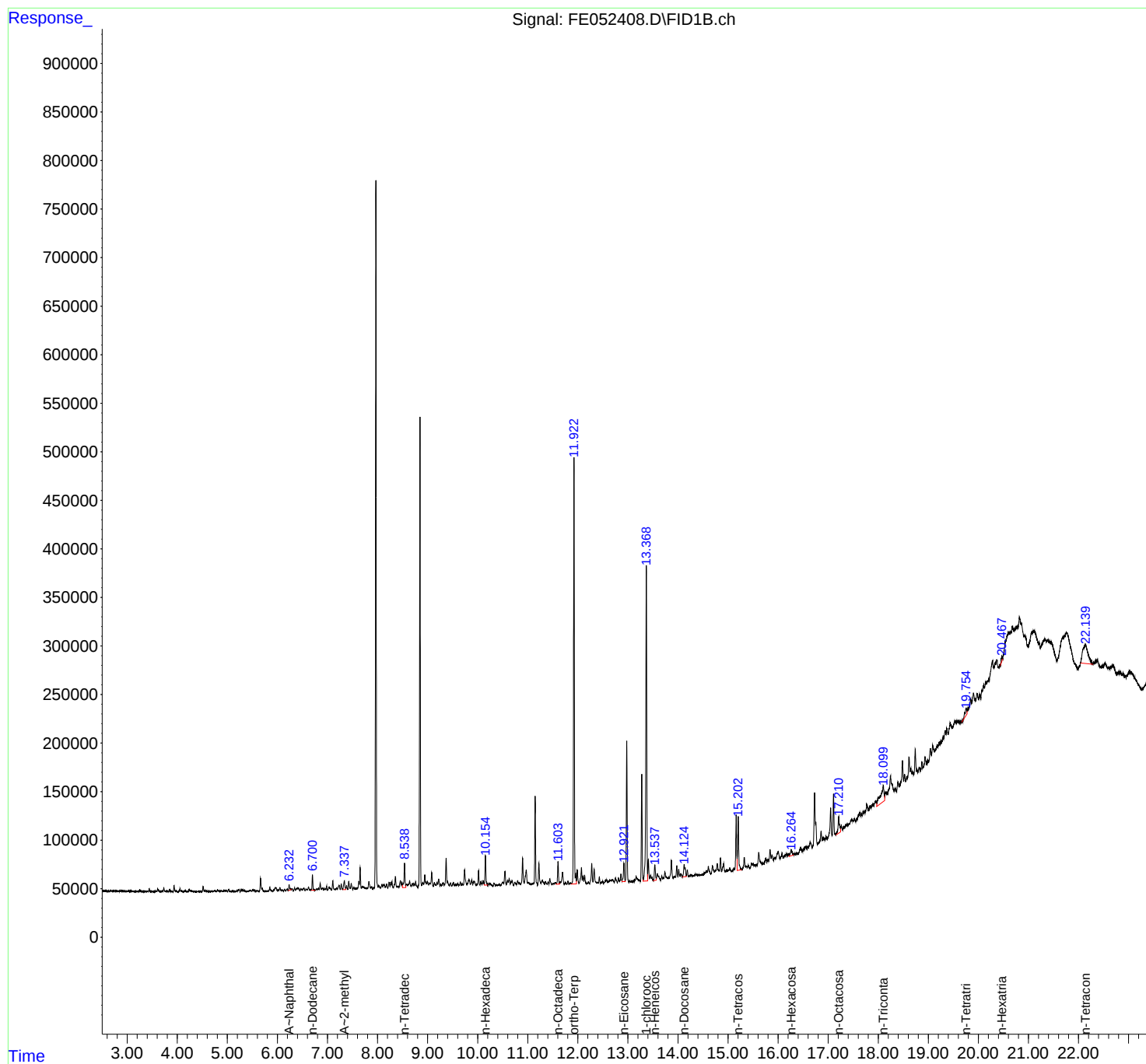
(m)=manual int.

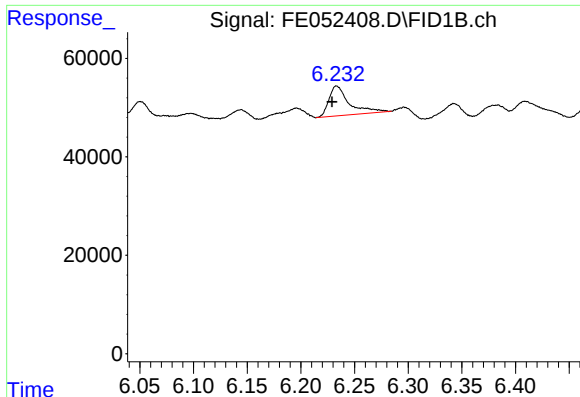
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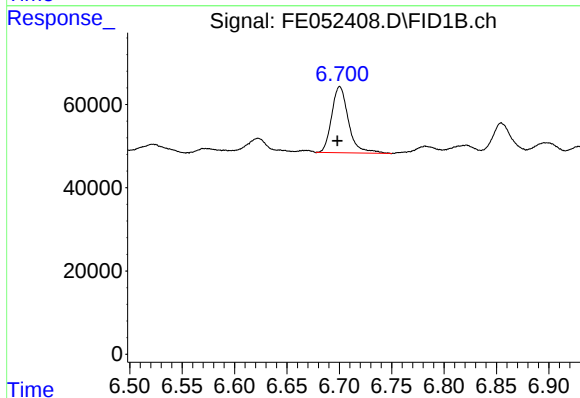




#3 A~Naphthalene (C11.7)

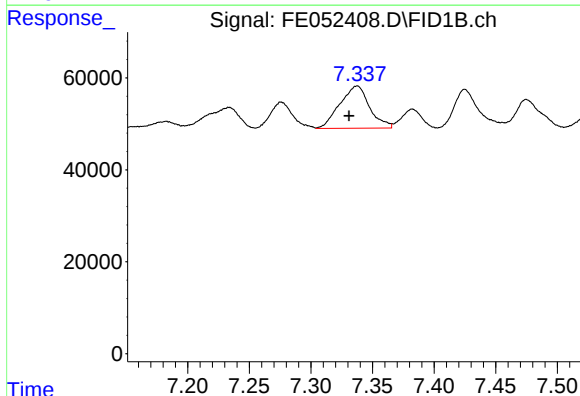
R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 79371
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



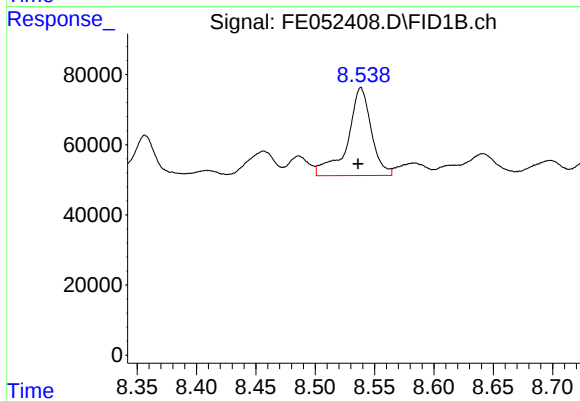
#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 176887
Conc: 1.12 ug/ml



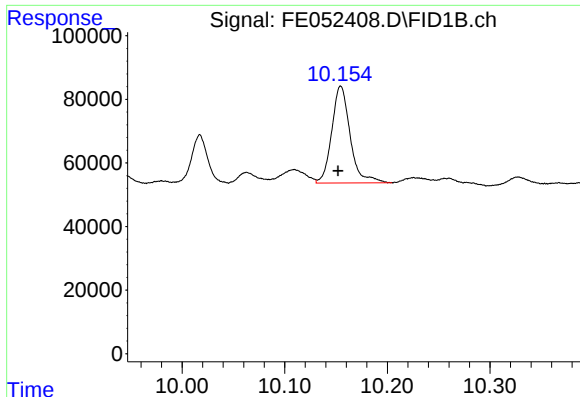
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: 0.006 min
Response: 154085
Conc: 0.92 ug/ml



#6 n-Tetradecane (C14)

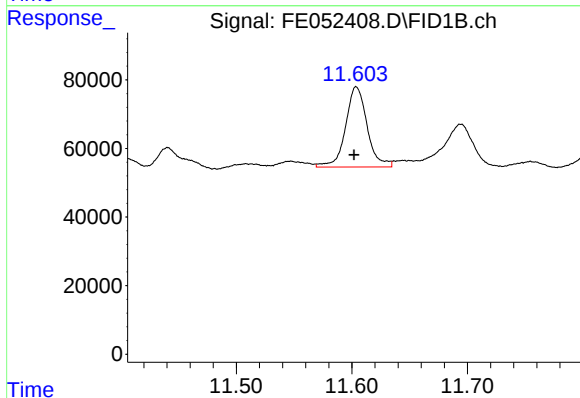
R.T.: 8.539 min
Delta R.T.: 0.003 min
Response: 348685
Conc: 2.21 ug/ml



#7 n-Hexadecane (C16)

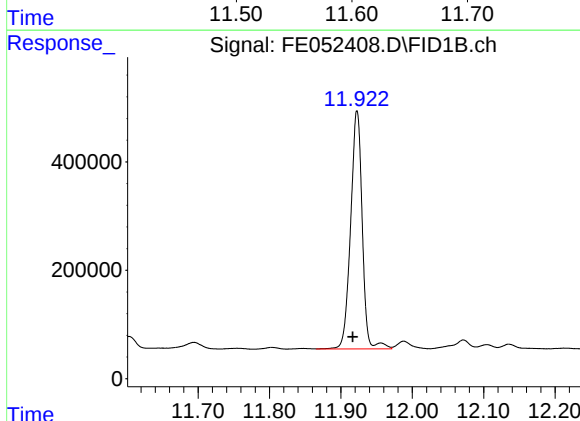
R.T.: 10.155 min
Delta R.T.: 0.003 min
Response: 379494
Conc: 2.32 ug/ml

Instrument :
FID_E
ClientSampleId :



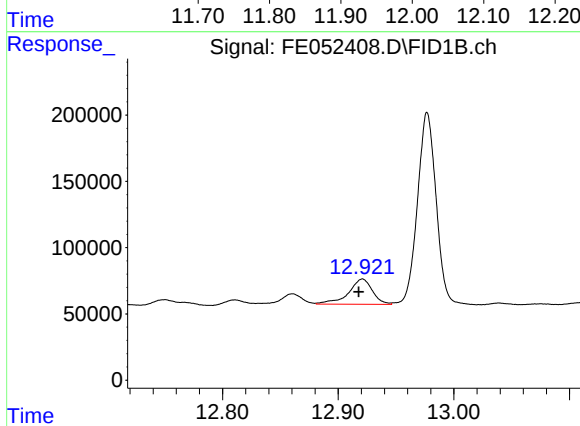
#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: 0.002 min
Response: 303435
Conc: 1.83 ug/ml



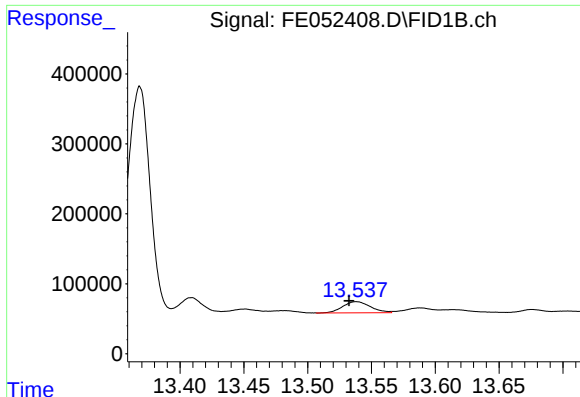
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: 0.006 min
Response: 4972652
Conc: 26.60 ug/ml



#10 n-Eicosane (C20)

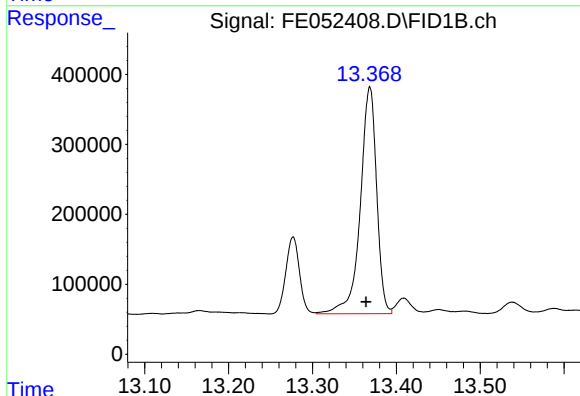
R.T.: 12.921 min
Delta R.T.: 0.003 min
Response: 272606
Conc: 1.71 ug/ml



#11 n-Heneicosane (C21)

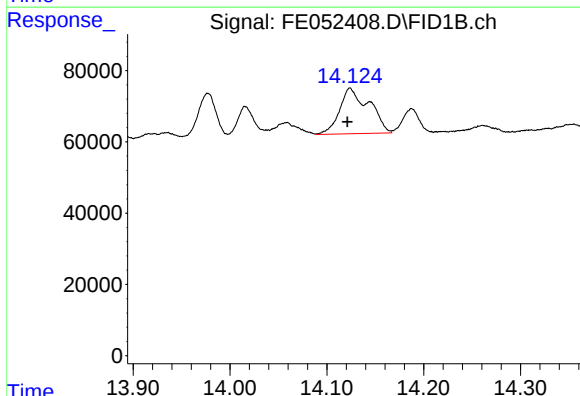
R.T.: 13.538 min
Delta R.T.: 0.006 min
Response: 238922
Conc: 1.52 ug/ml

Instrument :
FID_E
ClientSampleId :



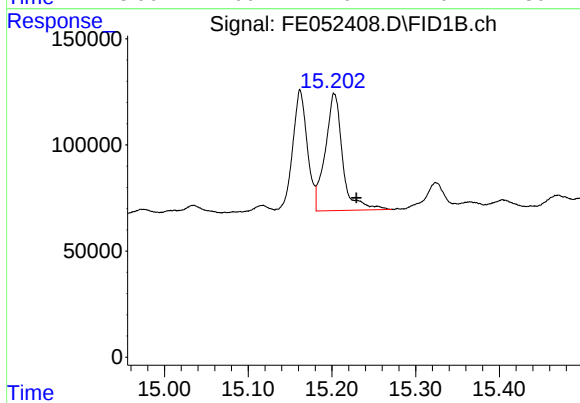
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.004 min
Response: 4401311
Conc: 31.67 ug/ml



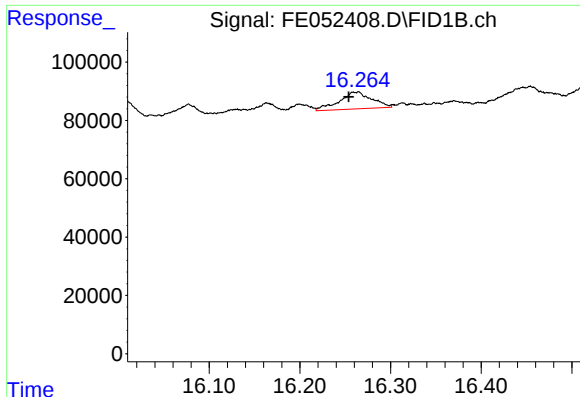
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.003 min
Response: 272132
Conc: 1.74 ug/ml



#14 n-Tetracosane (C24)

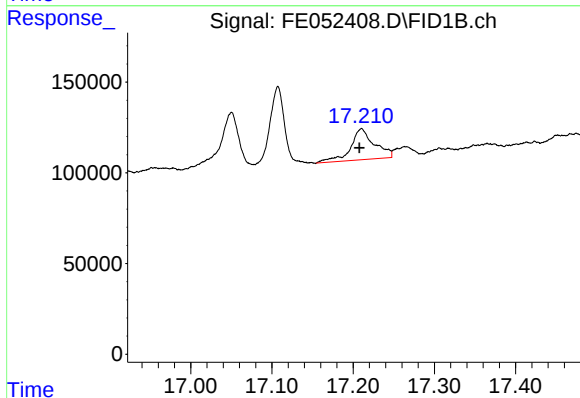
R.T.: 15.203 min
Delta R.T.: -0.026 min
Response: 799585
Conc: 5.08 ug/ml



#15 n-Hexacosane (C26)

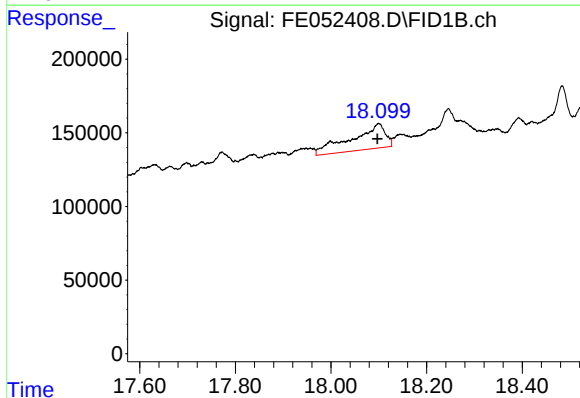
R.T.: 16.262 min
Delta R.T.: 0.008 min
Response: 145198
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :



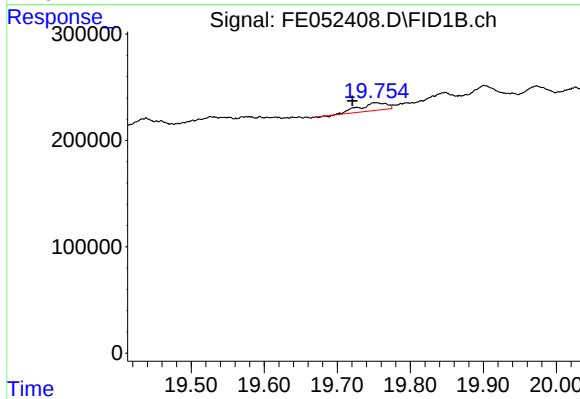
#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: 0.003 min
Response: 348321
Conc: 2.28 ug/ml



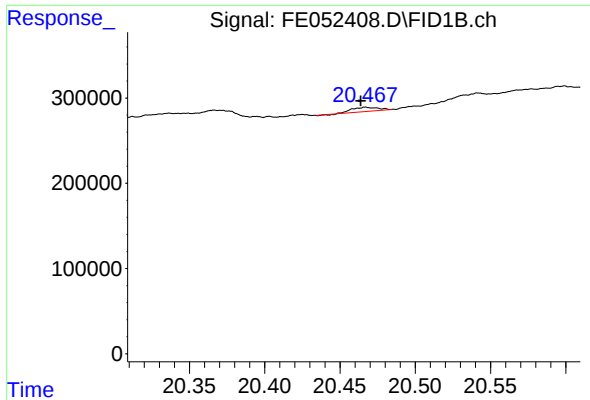
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: 0.003 min
Response: 826262
Conc: 5.29 ug/ml



#19 n-Tetratriacontane (C34)

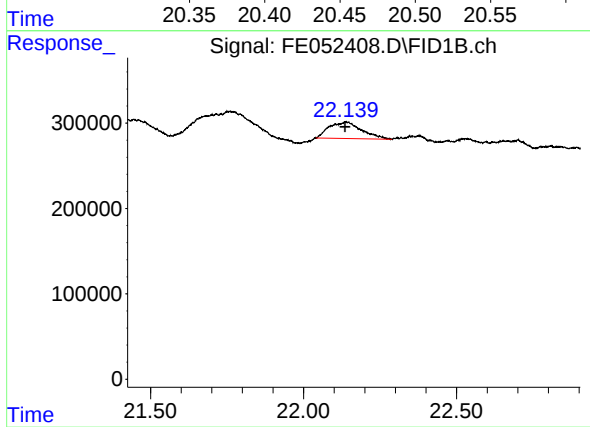
R.T.: 19.753 min
Delta R.T.: 0.032 min
Response: 183849
Conc: 1.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.004 min
Response: 59020
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: 0.003 min
Response: 1425489
Conc: 14.17 ug/ml