

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090825AL\
 Data File : FE055726.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2025 19:18
 Operator : YP\AJ
 Sample : Q3031-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 01:17:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.082	4400132	26.784 ug/ml
Spiked Amount 50.000		Recovery =	53.57%
12) S 1-chlorooctadecane (S...	13.517	7126637	56.993 ug/ml
Spiked Amount 50.000		Recovery =	113.99%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.396	140916	0.970 ug/ml
5) T A~2-methylnaphthalene...	7.496	144284	1.026 ug/ml
6) T n-Tetradecane (C14)	8.679	141238	1.072 ug/ml
7) T n-Hexadecane (C16)	10.324	877960	6.339 ug/ml
8) T n-Octadecane (C18)	11.750	228288	1.565 ug/ml
10) T n-Eicosane (C20)	13.070	1064152	7.393 ug/ml
11) T n-Heneicosane (C21)	13.684	120247	0.842 ug/ml
13) T n-Docosane (C22)	14.279	838717	5.859 ug/ml
14) T n-Tetracosane (C24)	15.393	10118667	69.929 ug/ml
15) T n-Hexacosane (C26)	16.403	210747	1.475 ug/ml
16) T n-Octacosane (C28)	17.357	212625	1.495 ug/ml
17) T n-Tricontane (C30)	18.248	881768	5.965 ug/ml
18) T n-Dotriacontane (C32)	19.058	1040670	7.090 ug/ml
19) T n-Tetratriacontane (C34)	19.867	321844	2.278 ug/ml
20) T n-Hexatriacontane (C36)	20.606	113762	0.862 ug/ml
22) T n-Tetracontane (C40)	22.363	424546	3.311 ug/ml

(f)=RT Delta > 1/2 Window

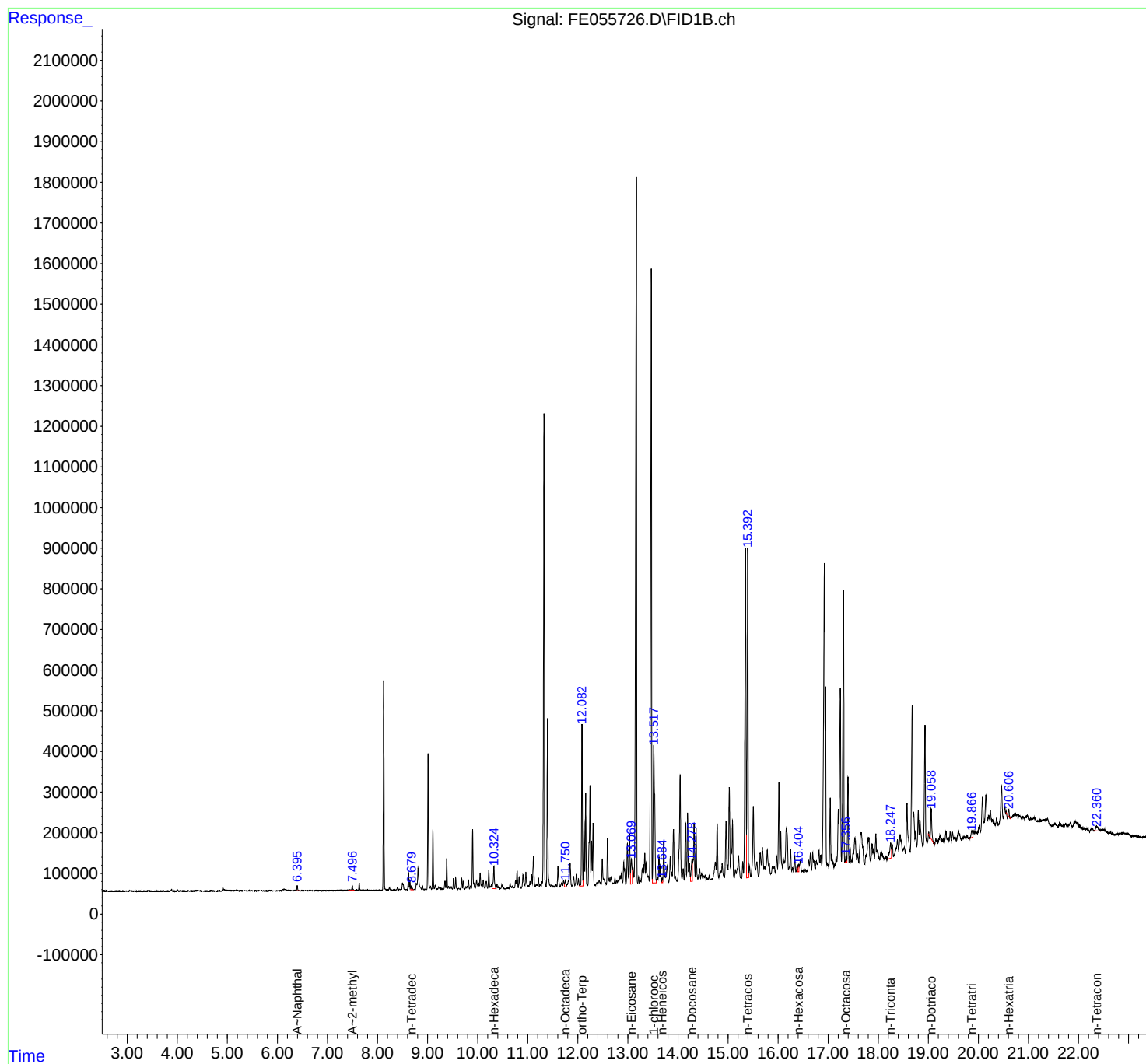
(m)=manual int.

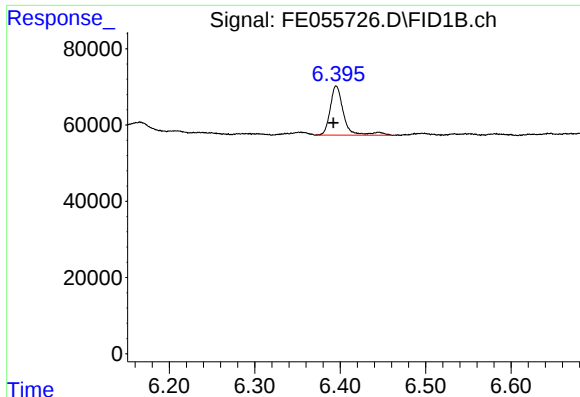
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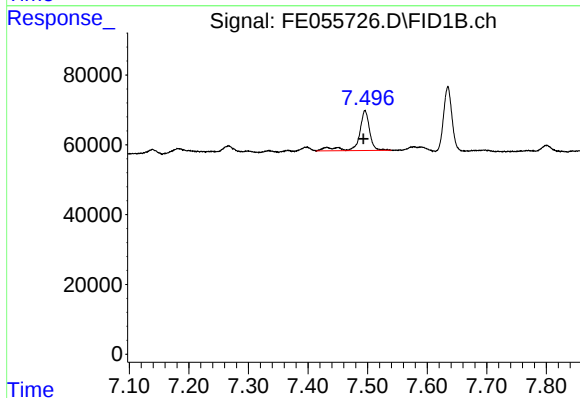




#3 A~Naphthalene (C11.7)

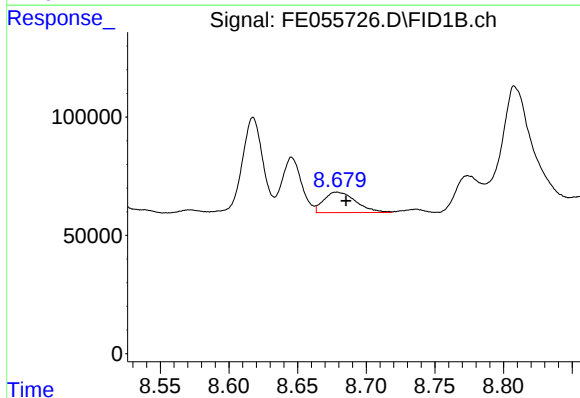
R.T.: 6.396 min
Delta R.T.: 0.003 min
Response: 140916
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :



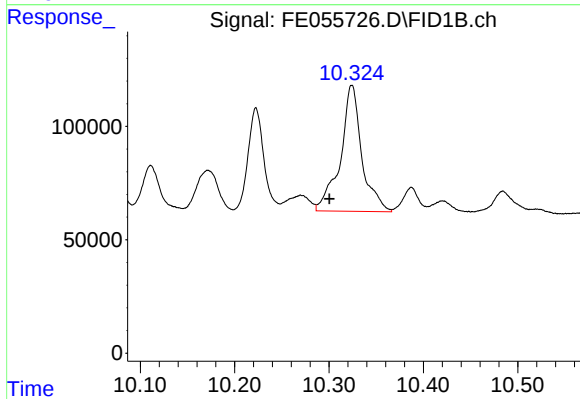
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 144284
Conc: 1.03 ug/ml



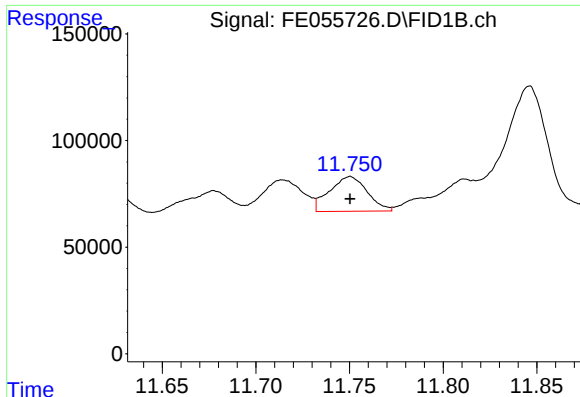
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 141238
Conc: 1.07 ug/ml



#7 n-Hexadecane (C16)

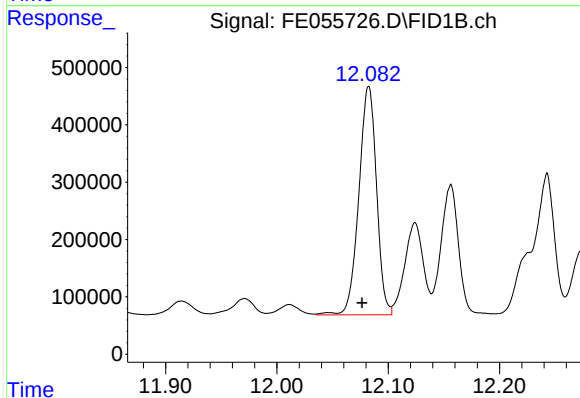
R.T.: 10.324 min
Delta R.T.: 0.024 min
Response: 877960
Conc: 6.34 ug/ml



#8 n-Octadecane (C18)

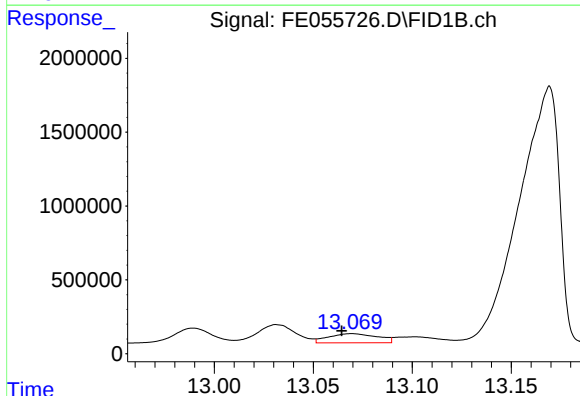
R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 228288
Conc: 1.57 ug/ml

Instrument :
FID_E
ClientSampleId :



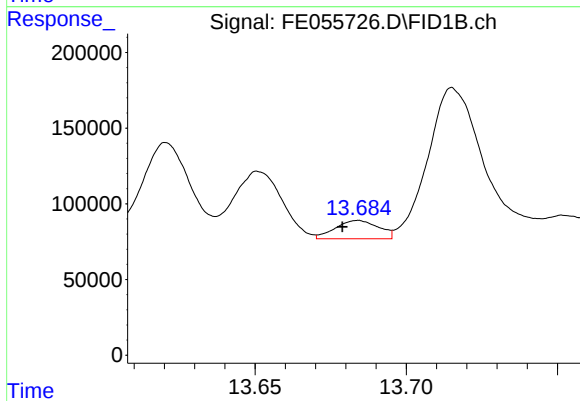
#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: 0.006 min
Response: 4400132
Conc: 26.78 ug/ml



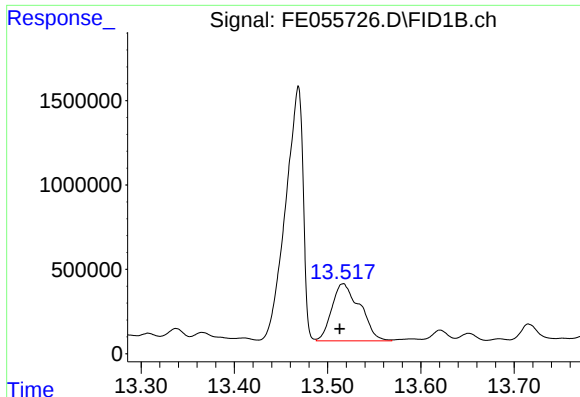
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: 0.005 min
Response: 1064152
Conc: 7.39 ug/ml



#11 n-Heneicosane (C21)

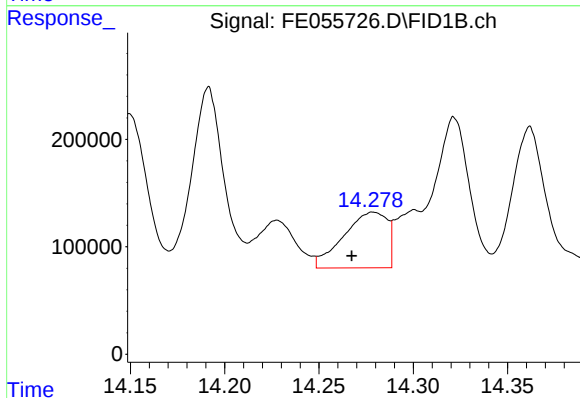
R.T.: 13.684 min
Delta R.T.: 0.005 min
Response: 120247
Conc: 0.84 ug/ml



#12 1-chlorooctadecane (SURR)

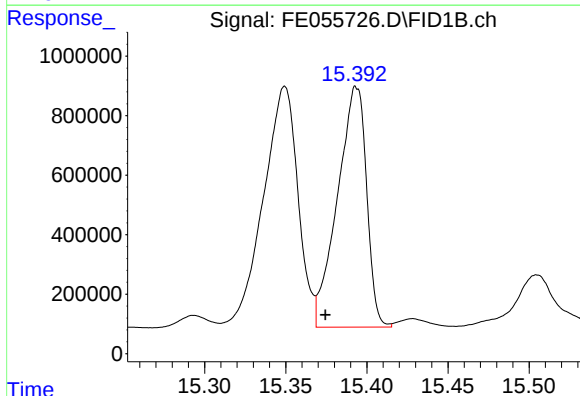
R.T.: 13.517 min
Delta R.T.: 0.004 min
Response: 7126637
Conc: 56.99 ug/ml

Instrument :
FID_E
ClientSampleId :



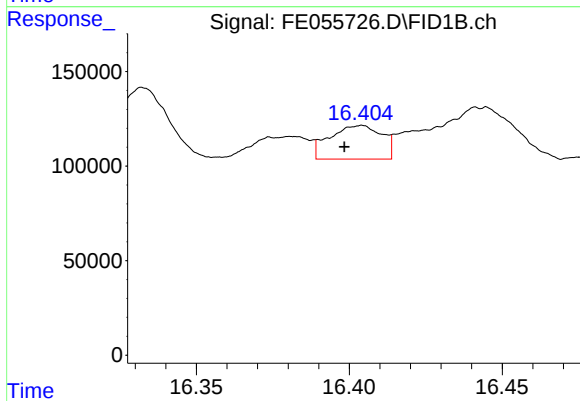
#13 n-Docosane (C22)

R.T.: 14.279 min
Delta R.T.: 0.011 min
Response: 838717
Conc: 5.86 ug/ml



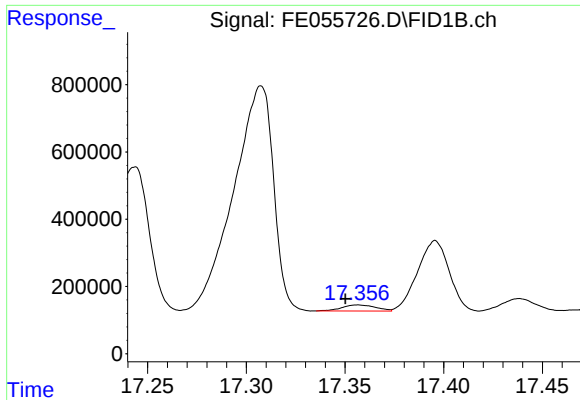
#14 n-Tetracosane (C24)

R.T.: 15.393 min
Delta R.T.: 0.019 min
Response: 10118667
Conc: 69.93 ug/ml



#15 n-Hexacosane (C26)

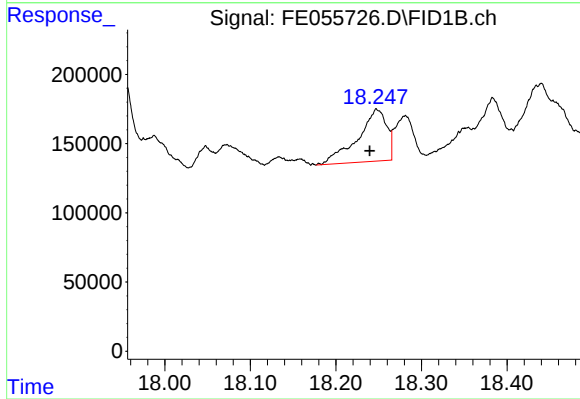
R.T.: 16.403 min
Delta R.T.: 0.005 min
Response: 210747
Conc: 1.48 ug/ml



#16 n-Octacosane (C28)

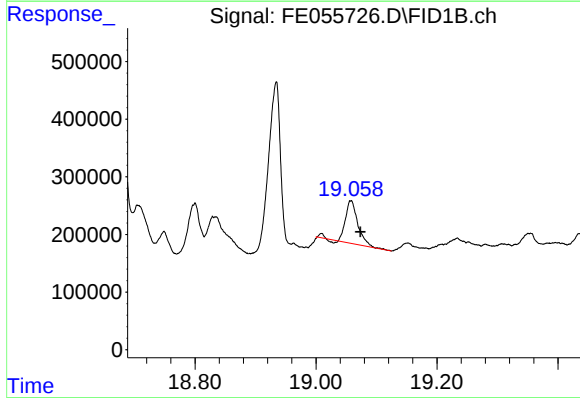
R.T.: 17.357 min
Delta R.T.: 0.007 min
Response: 212625
Conc: 1.49 ug/ml

Instrument :
FID_E
ClientSampleId :



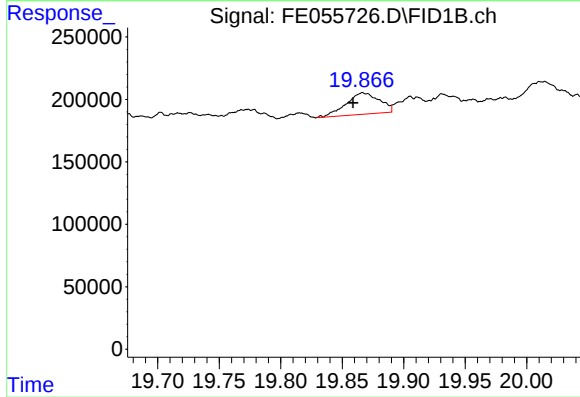
#17 n-Tricontane (C30)

R.T.: 18.248 min
Delta R.T.: 0.009 min
Response: 881768
Conc: 5.97 ug/ml



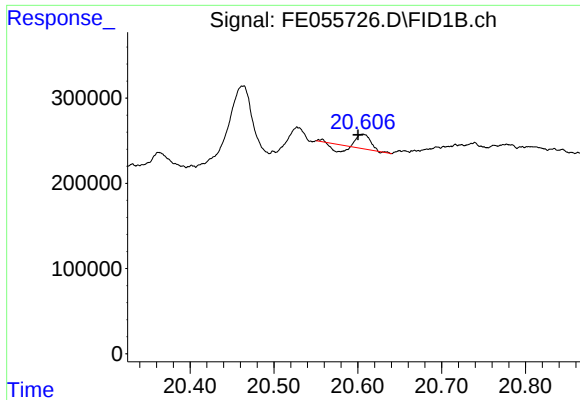
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.016 min
Response: 1040670
Conc: 7.09 ug/ml



#19 n-Tetratriacontane (C34)

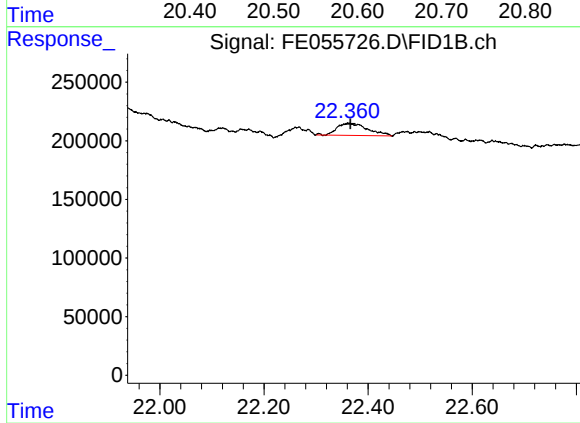
R.T.: 19.867 min
Delta R.T.: 0.008 min
Response: 321844
Conc: 2.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.005 min
Response: 113762
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: -0.003 min
Response: 424546
Conc: 3.31 ug/ml