

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053361.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 09:38
 Operator : YP\AJ
 Sample : Q1785-04DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-03-041125-E2DL

Integration File: autoint1.e
 Quant Time: Apr 15 22:30:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.895	743381	4.564 ug/ml
Spiked Amount 50.000		Recovery =	9.13%
12) S 1-chlorooctadecane (S...	13.342	394189	3.284 ug/ml
Spiked Amount 50.000		Recovery =	6.57%
Target Compounds			
4) T n-Dodecane (C12)	6.678	513637	3.284 ug/ml
5) T A~2-methylnaphthalene...	7.319	350982	2.200 ug/ml
6) T n-Tetradecane (C14)	8.515	1513727	9.886 ug/ml
7) T n-Hexadecane (C16)	10.131	1518638	9.852 ug/ml
8) T n-Octadecane (C18)	11.580	1083023	7.141 ug/ml
10) T n-Eicosane (C20)	12.895	717785	5.034 ug/ml
11) T n-Heneicosane (C21)	13.509	495469	3.570 ug/ml
13) T n-Docosane (C22)	14.098	334816	2.445 ug/ml
14) T n-Tetracosane (C24)	15.204	139034	1.029 ug/ml
16) T n-Octacosane (C28)	17.183	93785	0.711 ug/ml
17) T n-Tricontane (C30)	18.074	144224	1.064 ug/ml
18) T n-Dotriacontane (C32)	18.908	368439	2.738 ug/ml
19) T n-Tetratriacontane (C34)	19.694	342099	2.644 ug/ml
20) T n-Hexatriacontane (C36)	20.438	403134	3.394 ug/ml
21) T n-Octatriacontane (C38)	21.177	378723	3.295 ug/ml
22) T n-Tetracontane (C40)	22.100	416967	3.713 ug/ml

(f)=RT Delta > 1/2 Window

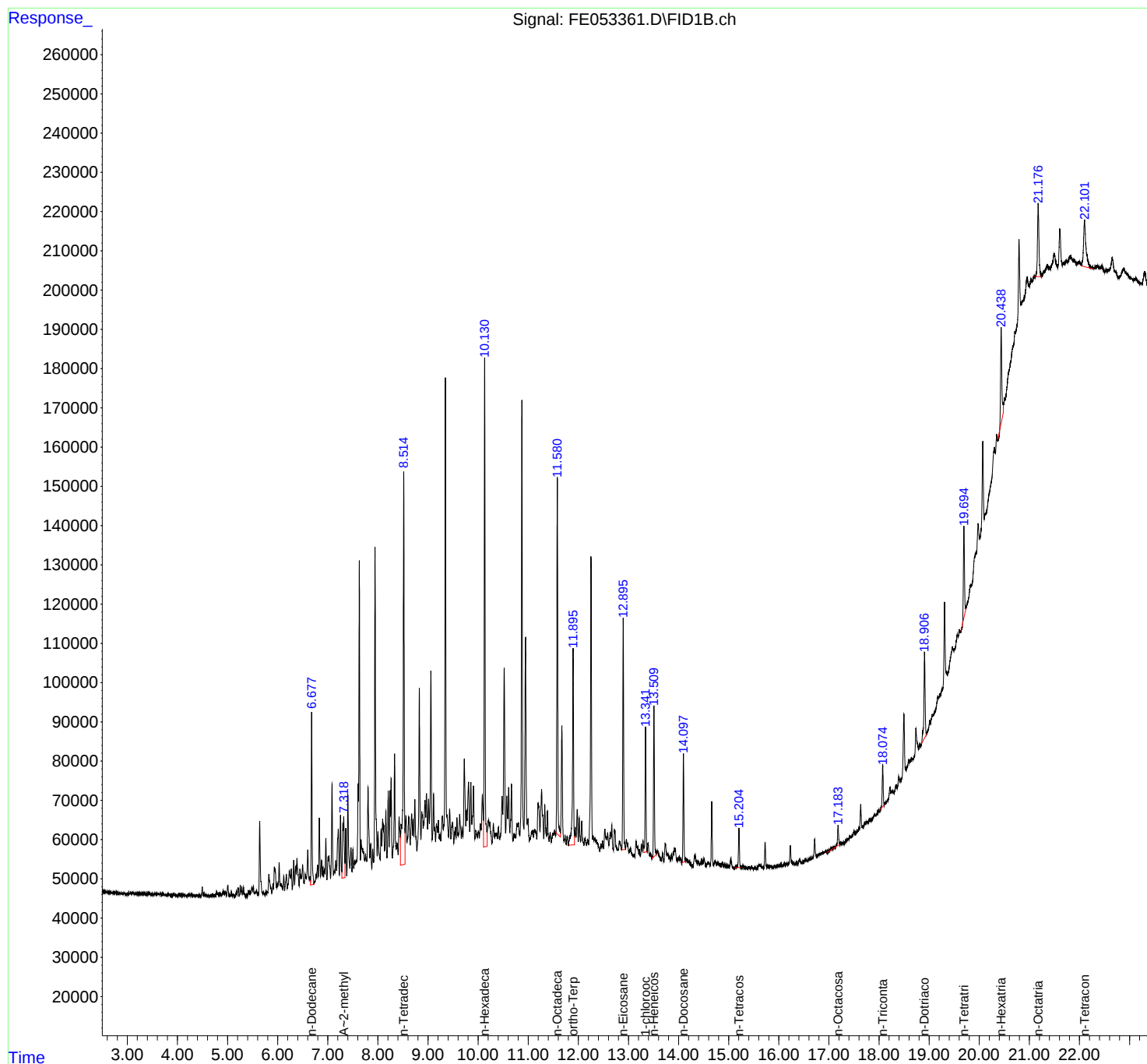
(m)=manual int.

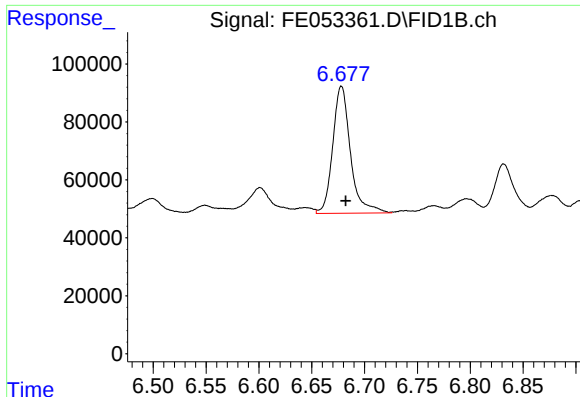
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
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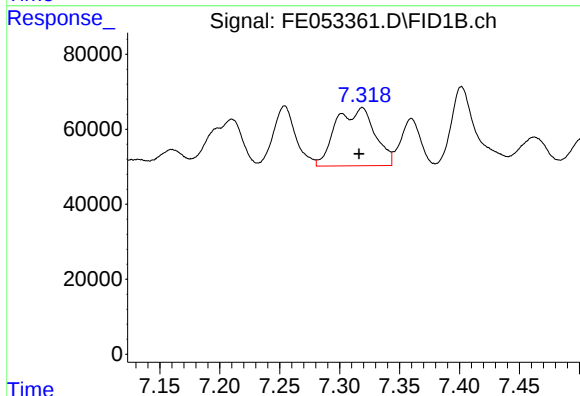




#4 n-Dodecane (C12)

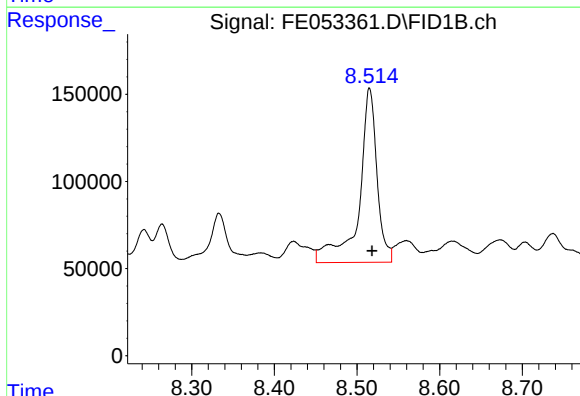
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 513637
Conc: 3.28 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-03-041125-E2DL



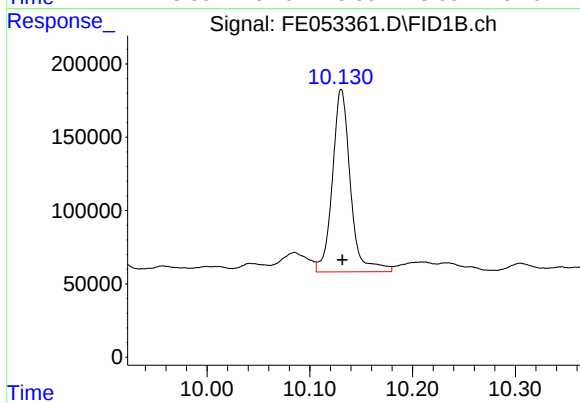
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: 0.002 min
Response: 350982
Conc: 2.20 ug/ml



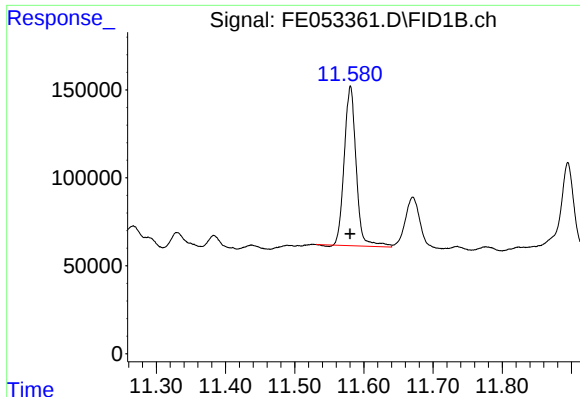
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 1513727
Conc: 9.89 ug/ml



#7 n-Hexadecane (C16)

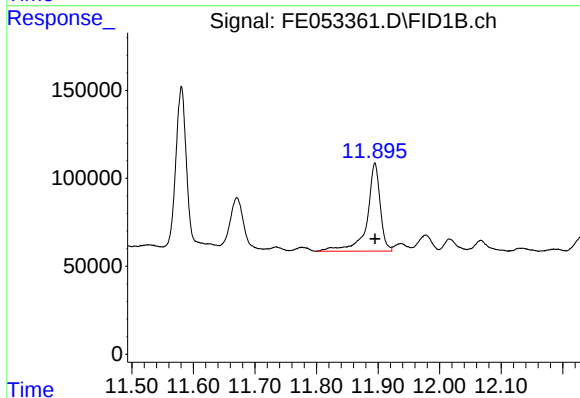
R.T.: 10.131 min
Delta R.T.: -0.001 min
Response: 1518638
Conc: 9.85 ug/ml



#8 n-Octadecane (C18)

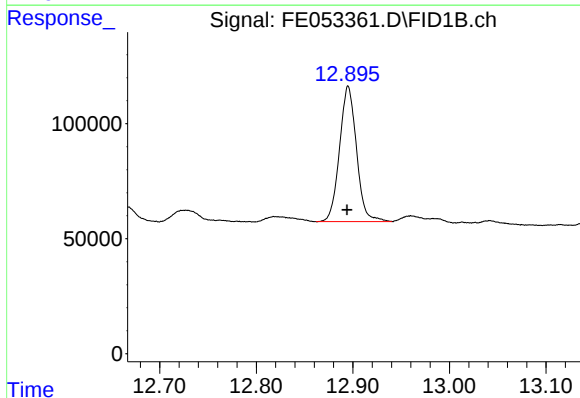
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 1083023
Conc: 7.14 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-03-041125-E2DL



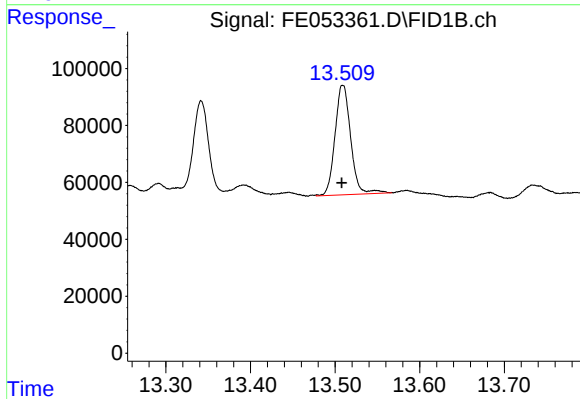
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 743381
Conc: 4.56 ug/ml



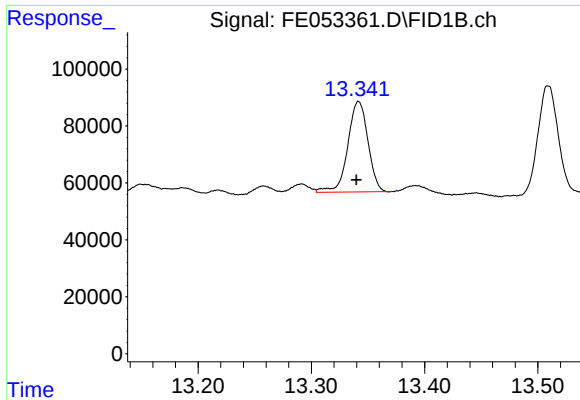
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.001 min
Response: 717785
Conc: 5.03 ug/ml



#11 n-Heneicosane (C21)

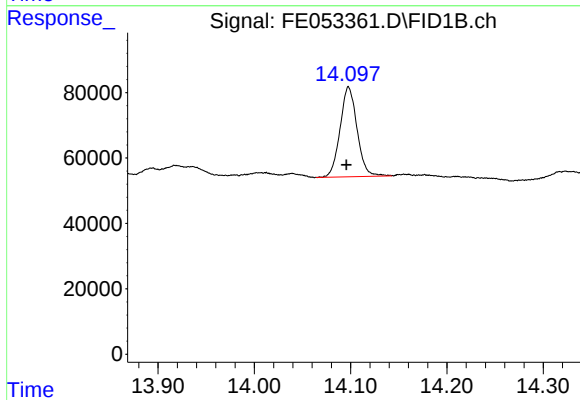
R.T.: 13.509 min
Delta R.T.: 0.001 min
Response: 495469
Conc: 3.57 ug/ml



#12 1-chlorooctadecane (SURR)

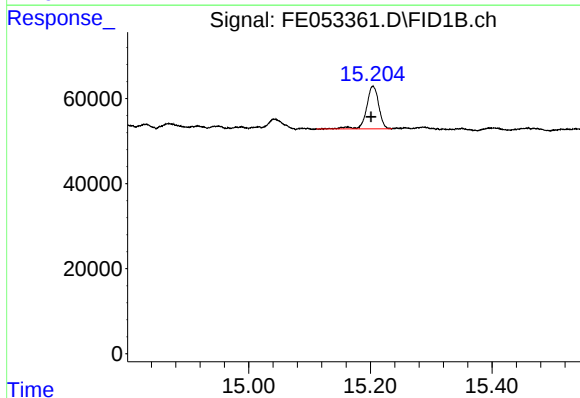
R.T.: 13.342 min
Delta R.T.: 0.002 min
Response: 394189
Conc: 3.28 ug/ml

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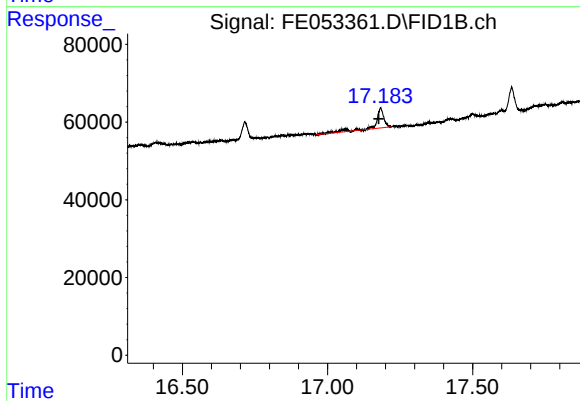
#13 n-Docosane (C22)

R.T.: 14.098 min
Delta R.T.: 0.002 min
Response: 334816
Conc: 2.44 ug/ml



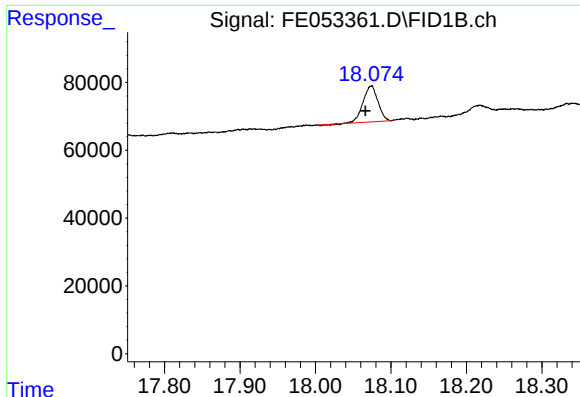
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.003 min
Response: 139034
Conc: 1.03 ug/ml



#16 n-Octacosane (C28)

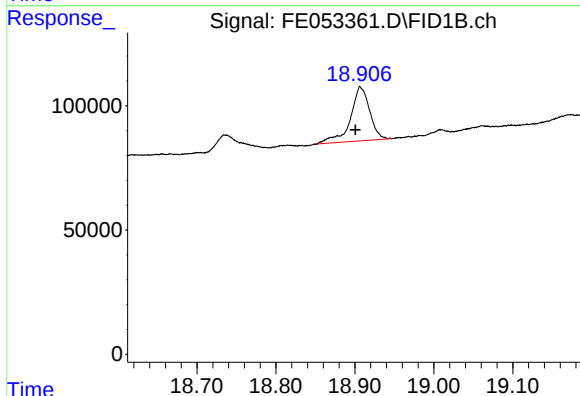
R.T.: 17.183 min
Delta R.T.: 0.007 min
Response: 93785
Conc: 0.71 ug/ml



#17 n-Tricontane (C30)

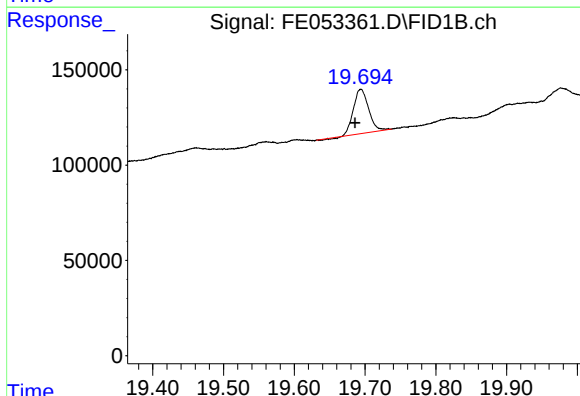
R.T.: 18.074 min
Delta R.T.: 0.007 min
Response: 144224
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-03-041125-E2DL



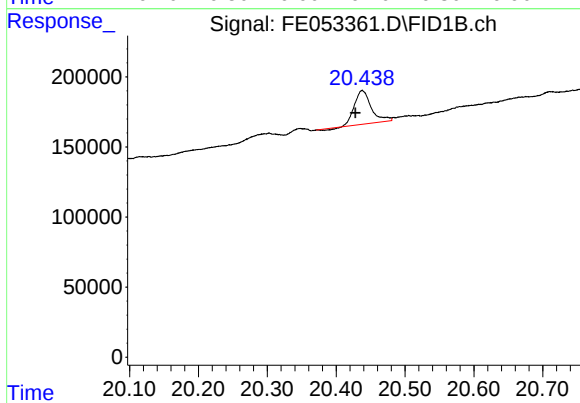
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.007 min
Response: 368439
Conc: 2.74 ug/ml



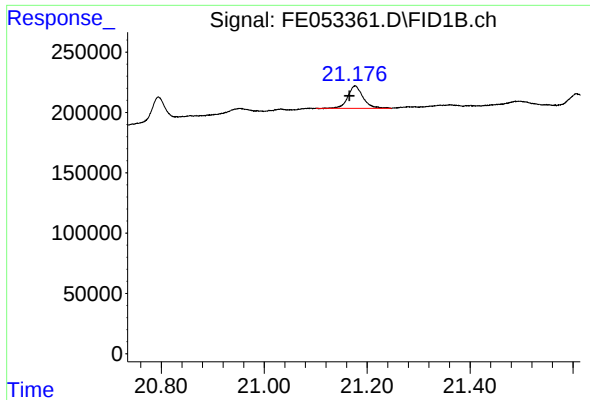
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.008 min
Response: 342099
Conc: 2.64 ug/ml



#20 n-Hexatriacontane (C36)

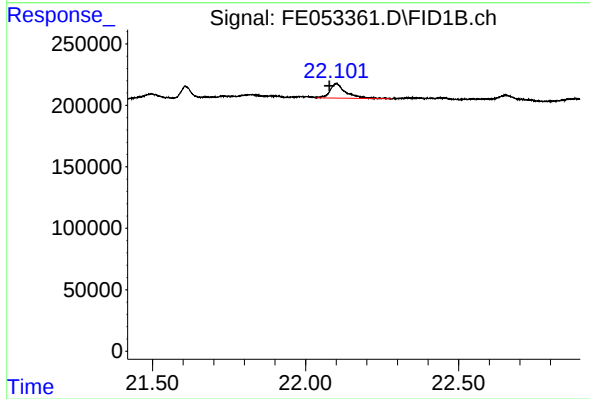
R.T.: 20.438 min
Delta R.T.: 0.010 min
Response: 403134
Conc: 3.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.012 min
Response: 378723
Conc: 3.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.022 min
Response: 416967
Conc: 3.71 ug/ml