

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
 Data File : FE052110.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jan 2025 17:59
 Operator : YP\AJ
 Sample : Q1168-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 29 03:05:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.194	73496	0.514 ug/ml
Spiked Amount 50.000		Recovery =	1.03%
12) S 1-chlorooctadecane (S...	13.612	4900297	42.717 ug/ml
Spiked Amount 50.000		Recovery =	85.43%
Target Compounds			
1) T n-Nonane (C9)	3.678	298691	2.802 ug/ml
2) T n-Decane (C10)	4.904	370819	3.387 ug/ml
4) T n-Dodecane (C12)	7.031	464603	4.116 ug/ml
6) T n-Tetradecane (C14)	8.837	467458	4.019 ug/ml
7) T n-Hexadecane (C16)	10.430	489933	3.885 ug/ml
8) T n-Octadecane (C18)	11.862	538621	4.071 ug/ml
10) T n-Eicosane (C20)	13.164	586563	4.474 ug/ml
11) T n-Heneicosane (C21)	13.772	565616	4.345 ug/ml
13) T n-Docosane (C22)	14.356	570040	4.344 ug/ml
14) T n-Tetracosane (C24)	15.454	604804	4.553 ug/ml
15) T n-Hexacosane (C26)	16.470	555173	4.200 ug/ml
16) T n-Octacosane (C28)	17.416	551623	4.179 ug/ml
17) T n-Tricontane (C30)	18.301	580617	4.259 ug/ml
18) T n-Dotriacontane (C32)	19.131	591628	4.514 ug/ml
19) T n-Tetratriacontane (C34)	19.912	558545	4.961 ug/ml
20) T n-Hexatriacontane (C36)	20.650	515598	5.428 ug/ml
21) T n-Octatriacontane (C38)	21.434	475213	5.501 ug/ml
22) T n-Tetracontane (C40)	22.433	475773	5.773 ug/ml

(f)=RT Delta > 1/2 Window

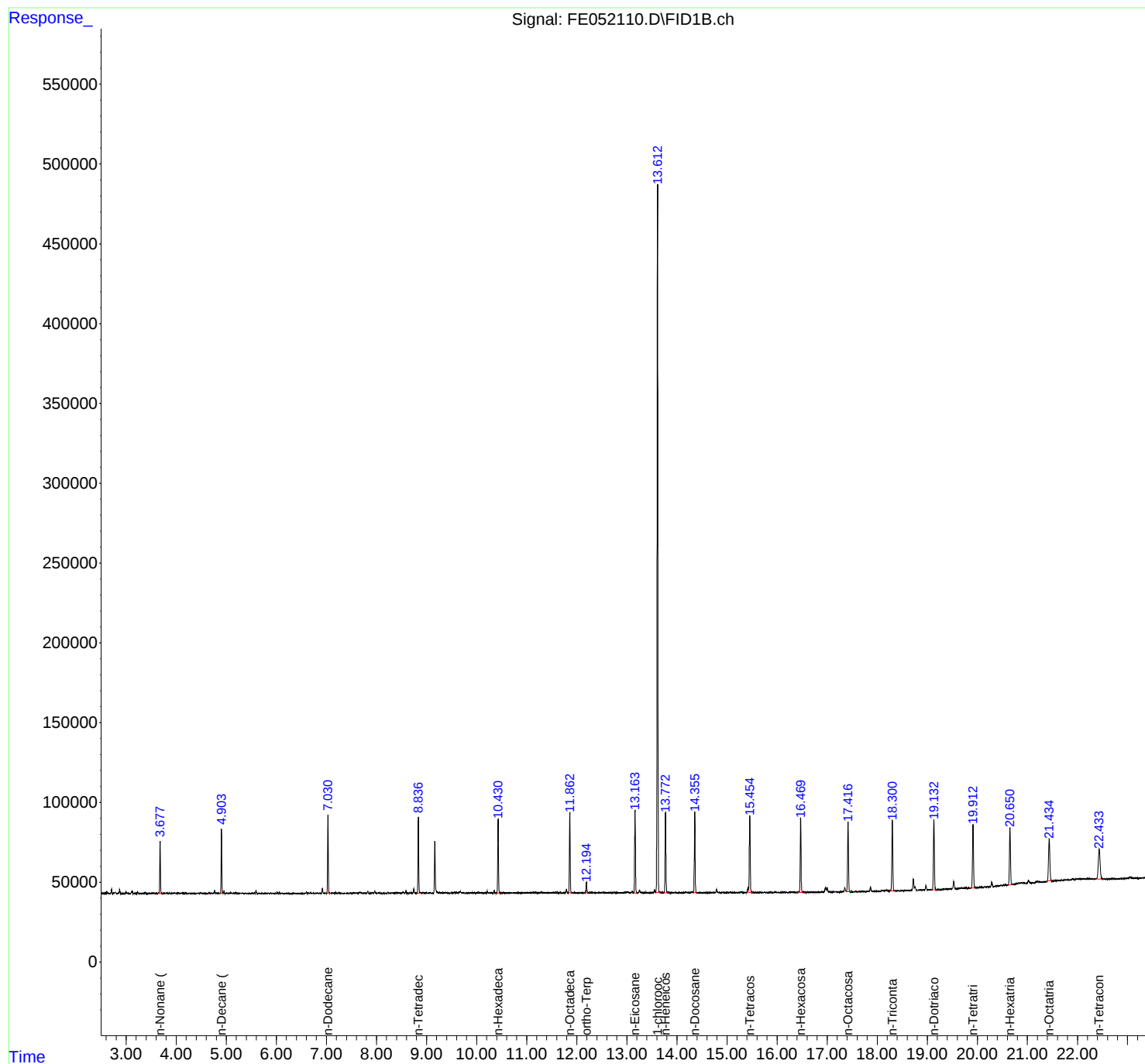
(m)=manual int.

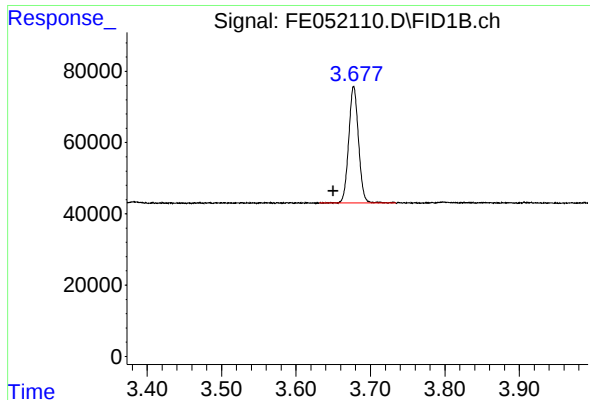
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
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Signal Info : 20M x 0.18mm x 0.18um

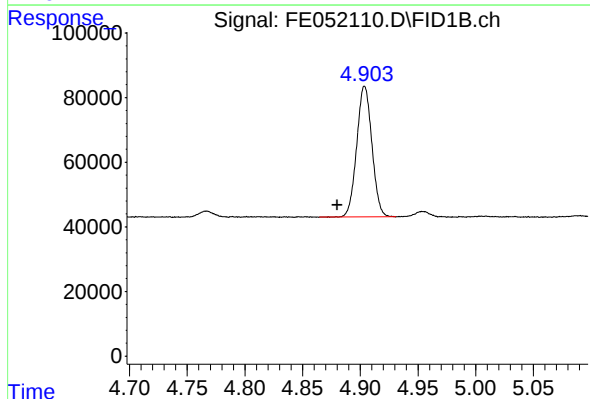




#1 n-Nonane (C9)

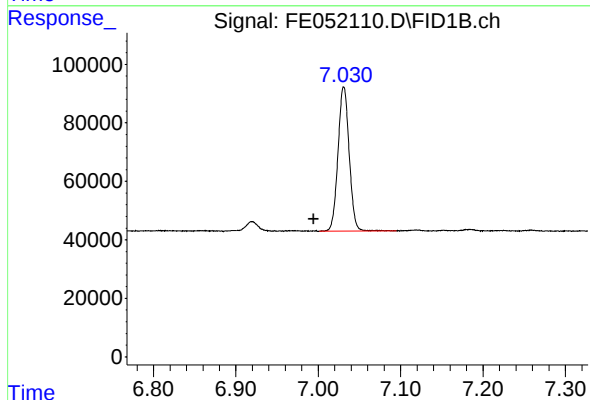
R.T.: 3.678 min
Delta R.T.: 0.028 min
Response: 298691
Conc: 2.80 ug/ml

Instrument :
FID_E
ClientSampleId :



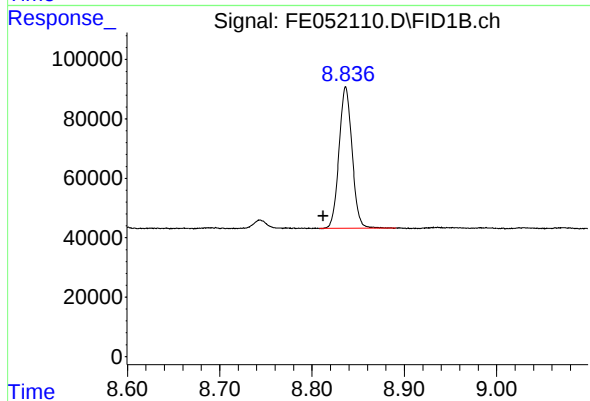
#2 n-Decane (C10)

R.T.: 4.904 min
Delta R.T.: 0.024 min
Response: 370819
Conc: 3.39 ug/ml



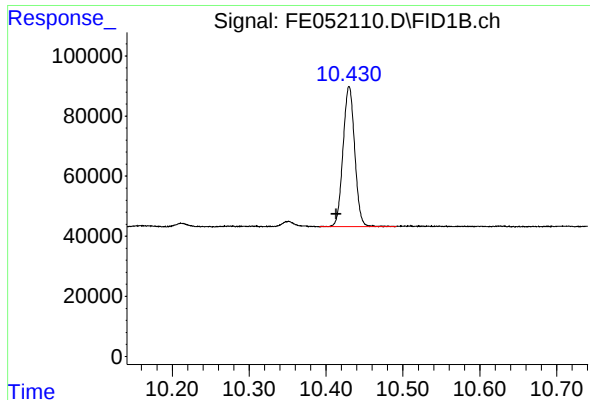
#4 n-Dodecane (C12)

R.T.: 7.031 min
Delta R.T.: 0.037 min
Response: 464603
Conc: 4.12 ug/ml



#6 n-Tetradecane (C14)

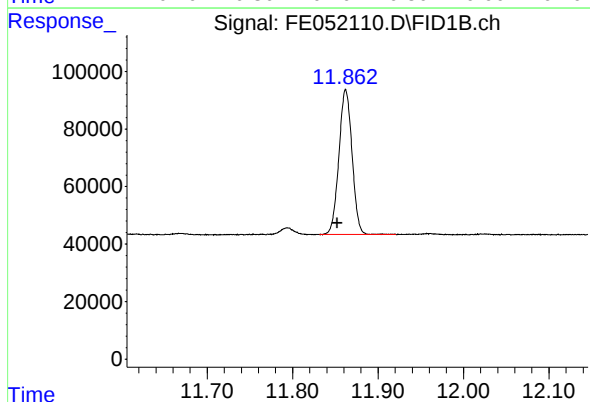
R.T.: 8.837 min
Delta R.T.: 0.024 min
Response: 467458
Conc: 4.02 ug/ml



#7 n-Hexadecane (C16)

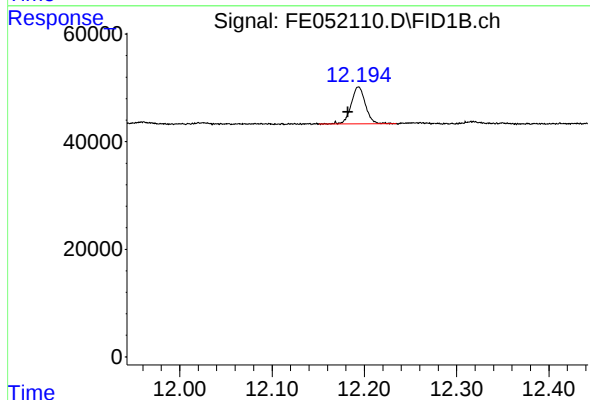
R.T.: 10.430 min
Delta R.T.: 0.017 min
Response: 489933
Conc: 3.88 ug/ml

Instrument :
FID_E
ClientSampleId :



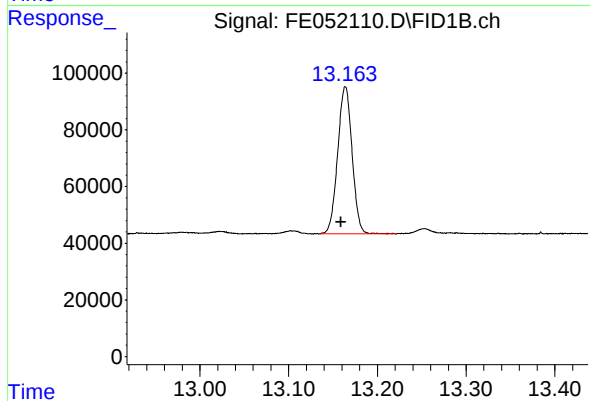
#8 n-Octadecane (C18)

R.T.: 11.862 min
Delta R.T.: 0.010 min
Response: 538621
Conc: 4.07 ug/ml



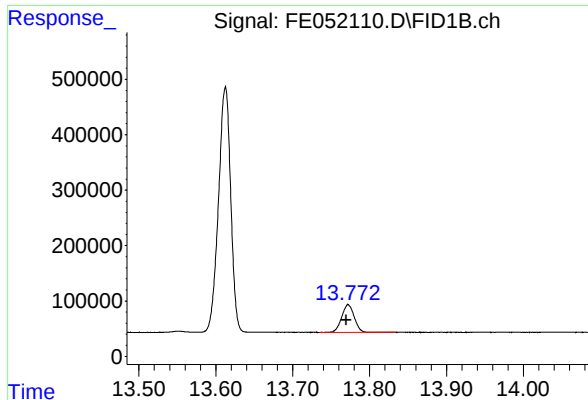
#9 ortho-Terphenyl (SURR)

R.T.: 12.194 min
Delta R.T.: 0.011 min
Response: 73496
Conc: 0.51 ug/ml



#10 n-Eicosane (C20)

R.T.: 13.164 min
Delta R.T.: 0.005 min
Response: 586563
Conc: 4.47 ug/ml



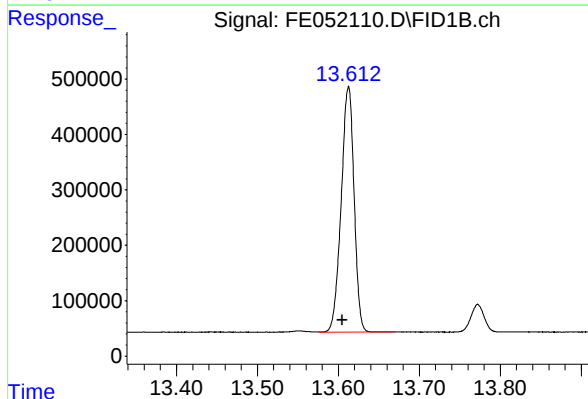
#11 n-Heneicosane (C21)

R.T.: 13.772 min
Delta R.T.: 0.003 min
Response: 565616
Conc: 4.35 ug/ml

Instrument :

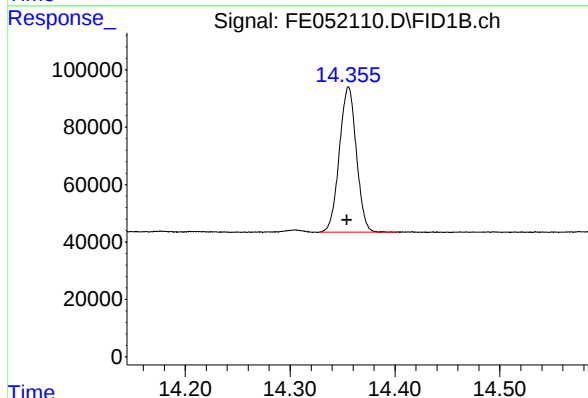
FID_E

ClientSampleId :



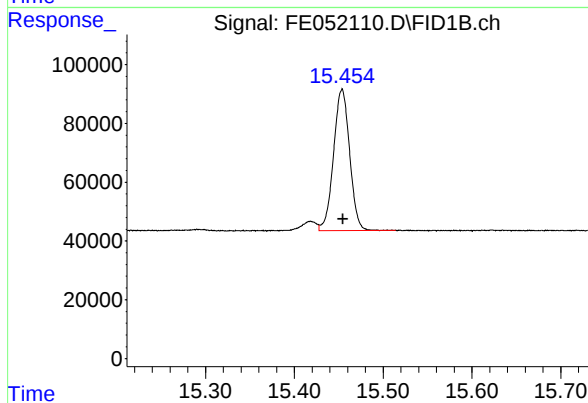
#12 1-chlorooctadecane (SURR)

R.T.: 13.612 min
Delta R.T.: 0.007 min
Response: 4900297
Conc: 42.72 ug/ml



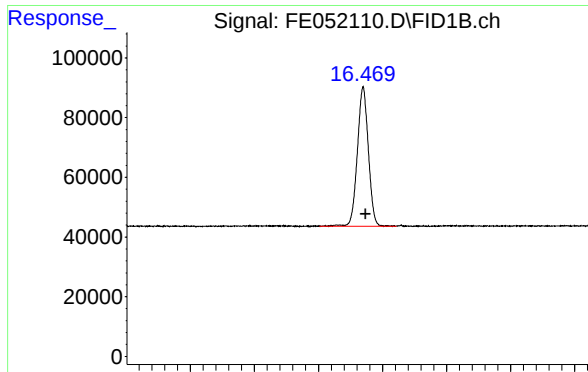
#13 n-Docosane (C22)

R.T.: 14.356 min
Delta R.T.: 0.001 min
Response: 570040
Conc: 4.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.454 min
Delta R.T.: -0.001 min
Response: 604804
Conc: 4.55 ug/ml



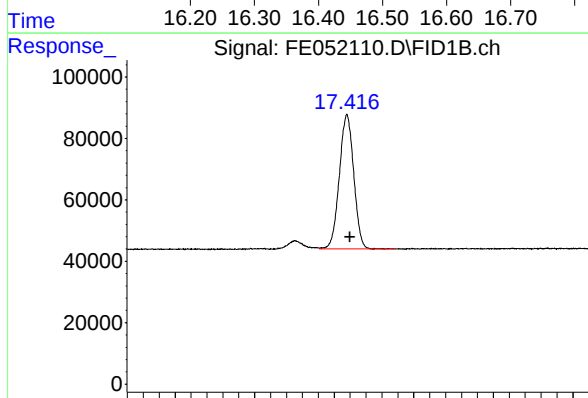
#15 n-Hexacosane (C26)

R.T.: 16.470 min
Delta R.T.: -0.004 min
Response: 555173
Conc: 4.20 ug/ml

Instrument :

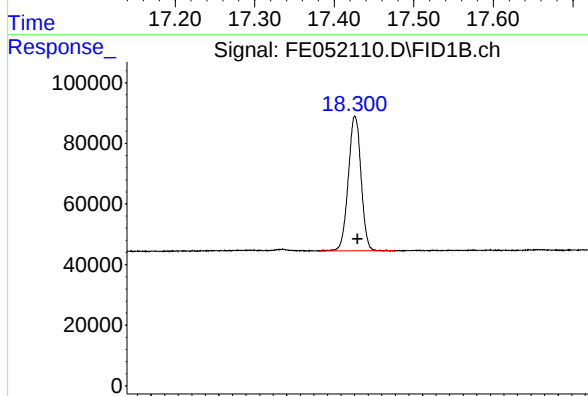
FID_E

ClientSampleId :



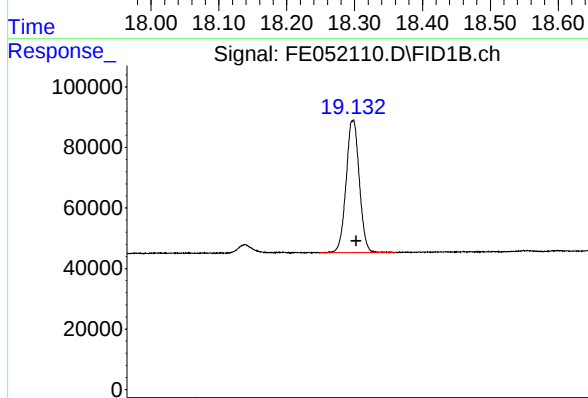
#16 n-Octacosane (C28)

R.T.: 17.416 min
Delta R.T.: -0.004 min
Response: 551623
Conc: 4.18 ug/ml



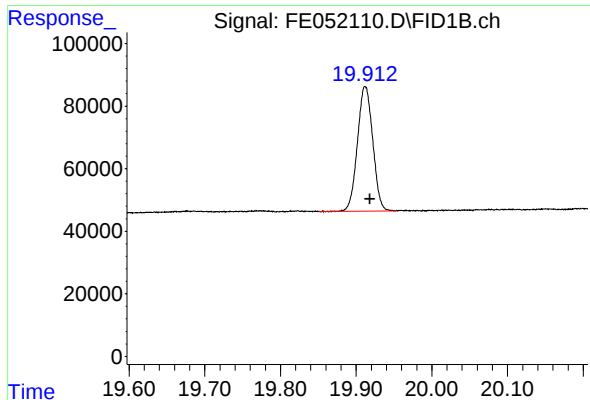
#17 n-Tricontane (C30)

R.T.: 18.301 min
Delta R.T.: -0.004 min
Response: 580617
Conc: 4.26 ug/ml



#18 n-Dotriacontane (C32)

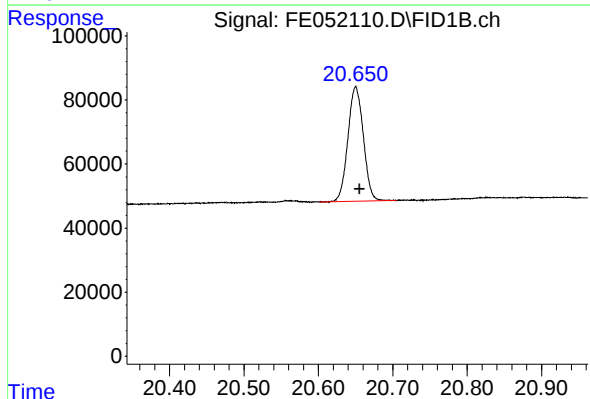
R.T.: 19.131 min
Delta R.T.: -0.005 min
Response: 591628
Conc: 4.51 ug/ml



#19 n-Tetratriacontane (C34)

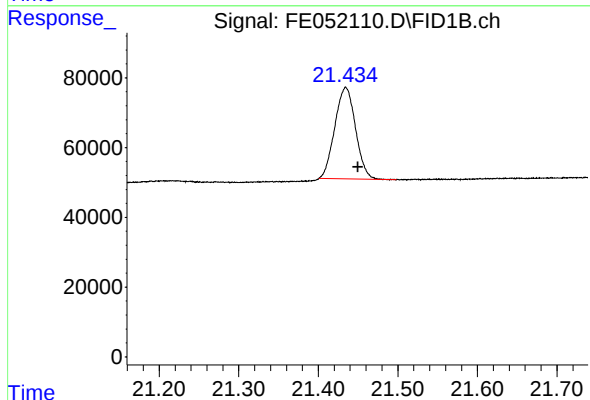
R.T.: 19.912 min
Delta R.T.: -0.006 min
Response: 558545
Conc: 4.96 ug/ml

Instrument :
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ClientSampleId :



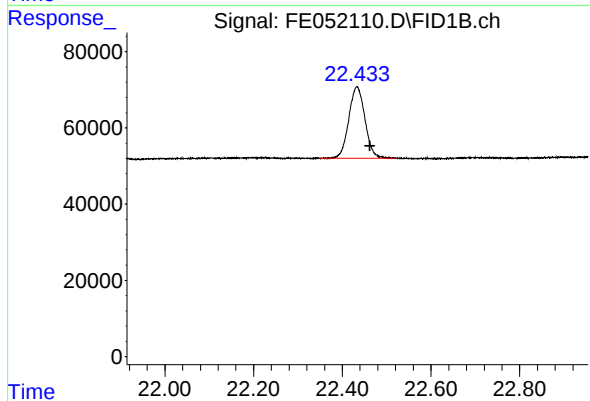
#20 n-Hexatriacontane (C36)

R.T.: 20.650 min
Delta R.T.: -0.005 min
Response: 515598
Conc: 5.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.434 min
Delta R.T.: -0.016 min
Response: 475213
Conc: 5.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.433 min
Delta R.T.: -0.029 min
Response: 475773
Conc: 5.77 ug/ml