

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032625AL\
 Data File : FE052972.D
 Signal(s) : FID1B.ch
 Acq On : 26 Mar 2025 10:04
 Operator : YP\AJ
 Sample : Q1634-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-01-032425DL

Integration File: autoint1.e
 Quant Time: Mar 27 04:14:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.907	1274296	7.559 ug/ml
Spiked Amount 50.000		Recovery =	15.12%
12) S 1-chlorooctadecane (S...	13.352	772956	6.366 ug/ml
Spiked Amount 50.000		Recovery =	12.73%
Target Compounds			
2) T n-Decane (C10)	4.508	157018	1.000 ug/ml
3) T A~Naphthalene (C11.7)	6.247	196896	1.161 ug/ml
4) T n-Dodecane (C12)	6.690	724610	4.654 ug/ml
5) T A~2-methylnaphthalene...	7.331	446131	2.753 ug/ml
6) T n-Tetradecane (C14)	8.527	1348668	8.913 ug/ml
7) T n-Hexadecane (C16)	10.142	1338724	8.756 ug/ml
8) T n-Octadecane (C18)	11.591	1167069	7.671 ug/ml
10) T n-Eicosane (C20)	12.905	706040	4.863 ug/ml
11) T n-Heneicosane (C21)	13.520	448249	3.149 ug/ml
13) T n-Docosane (C22)	14.108	298608	2.098 ug/ml
14) T n-Tetracosane (C24)	15.215	130898	0.915 ug/ml
16) T n-Octacosane (C28)	17.193	97216	0.684 ug/ml
17) T n-Tricontane (C30)	18.082	237241	1.606 ug/ml
18) T n-Dotriacontane (C32)	18.918	225236	1.551 ug/ml
19) T n-Tetratriacontane (C34)	19.704	286741	2.127 ug/ml
20) T n-Hexatriacontane (C36)	20.447	156358	1.316 ug/ml
21) T n-Octatriacontane (C38)	21.189	157445	1.419 ug/ml

(f)=RT Delta > 1/2 Window

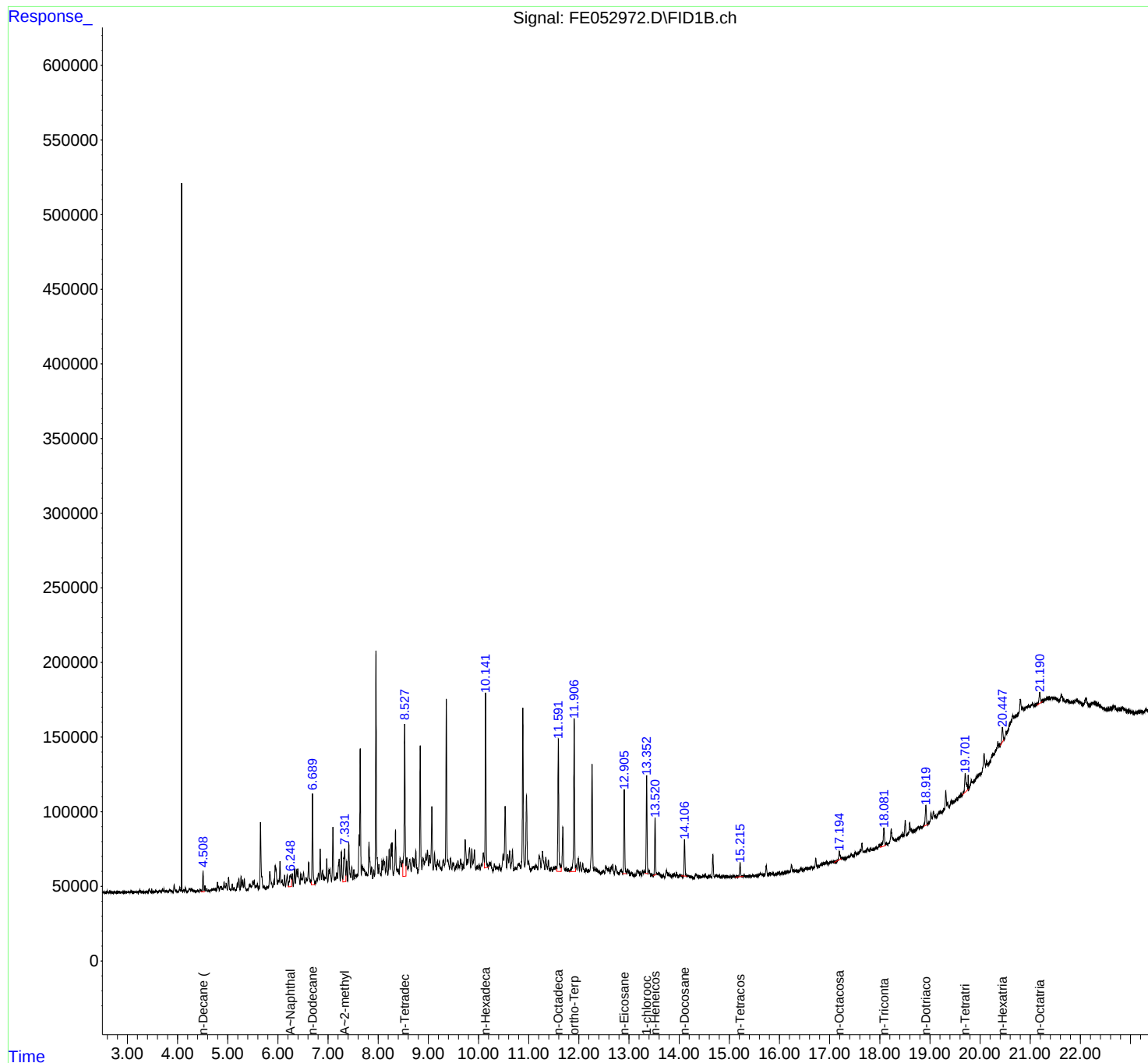
(m)=manual int.

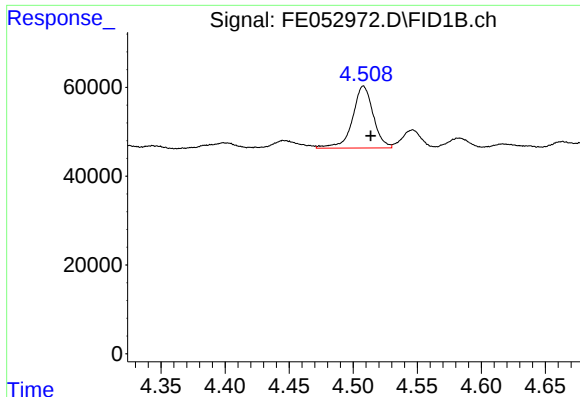
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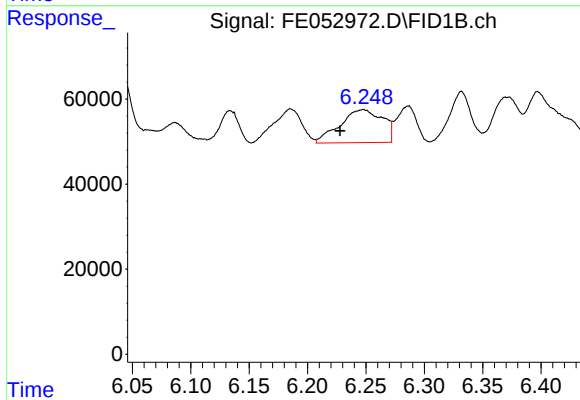




#2 n-Decane (C10)

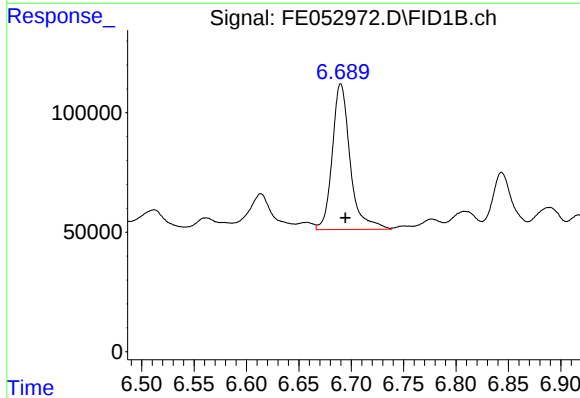
R.T.: 4.508 min
Delta R.T.: -0.006 min
Response: 157018
Conc: 1.00 ug/ml

Instrument :
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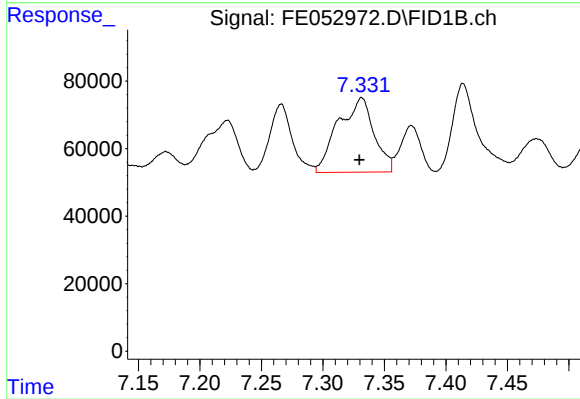
#3 A~Naphthalene (C11.7)

R.T.: 6.247 min
Delta R.T.: 0.019 min
Response: 196896
Conc: 1.16 ug/ml



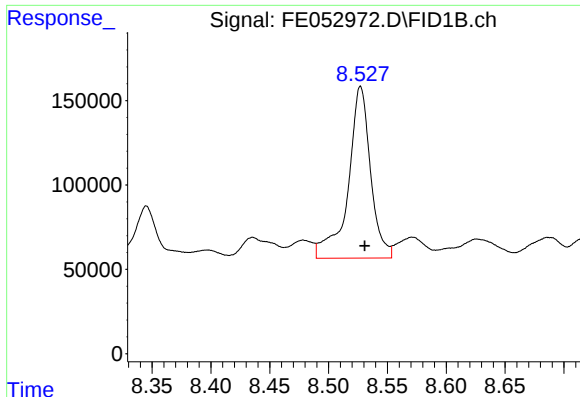
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 724610
Conc: 4.65 ug/ml



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

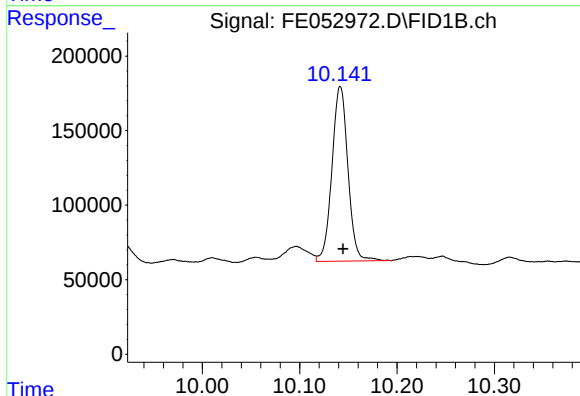
R.T.: 7.331 min
Delta R.T.: 0.002 min
Response: 446131
Conc: 2.75 ug/ml



#6 n-Tetradecane (C14)

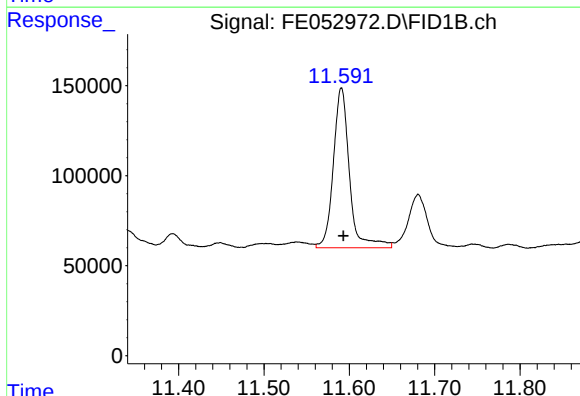
R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 1348668
Conc: 8.91 ug/ml

Instrument :
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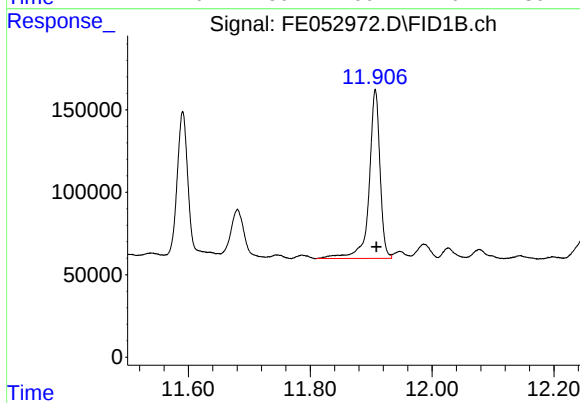
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.003 min
Response: 1338724
Conc: 8.76 ug/ml



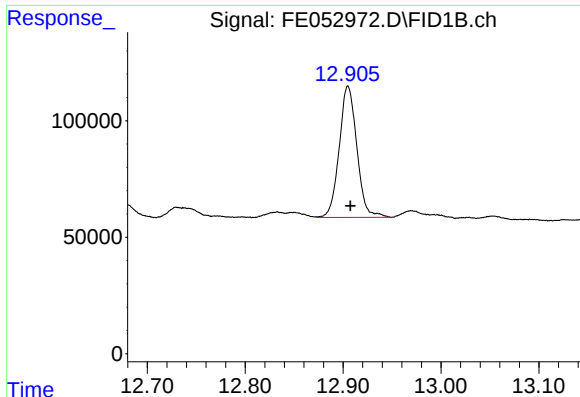
#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 1167069
Conc: 7.67 ug/ml



#9 ortho-Terphenyl (SURR)

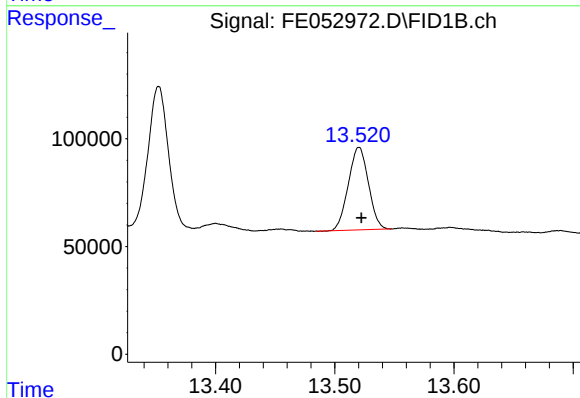
R.T.: 11.907 min
Delta R.T.: -0.002 min
Response: 1274296
Conc: 7.56 ug/ml



#10 n-Eicosane (C20)

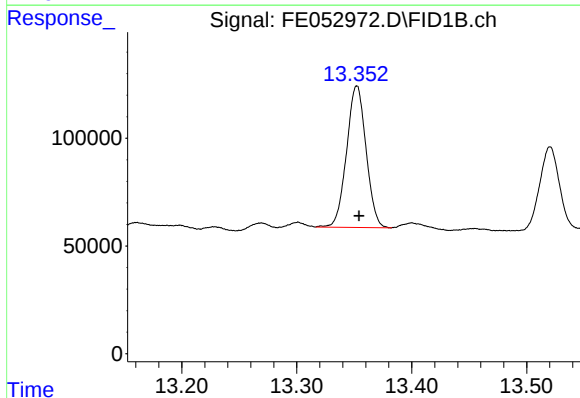
R.T.: 12.905 min
Delta R.T.: -0.002 min
Response: 706040
Conc: 4.86 ug/ml

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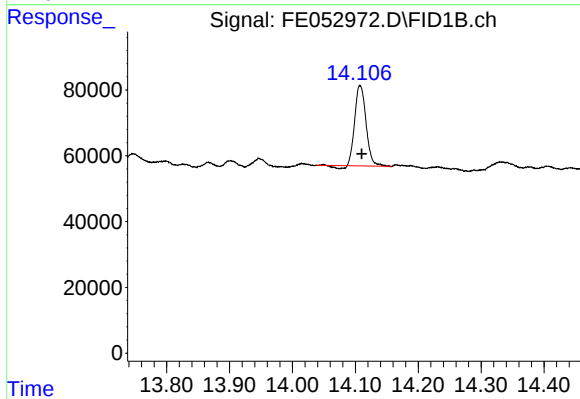
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.002 min
Response: 448249
Conc: 3.15 ug/ml



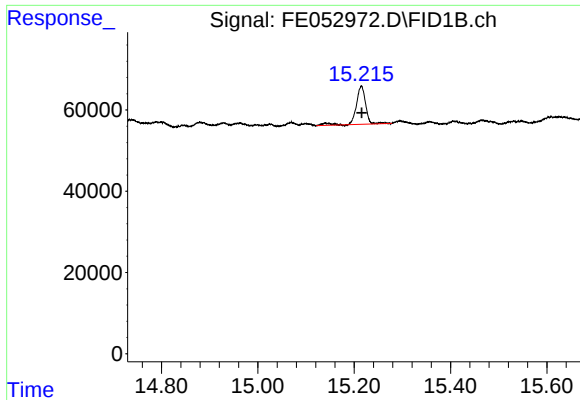
#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 772956
Conc: 6.37 ug/ml



#13 n-Docosane (C22)

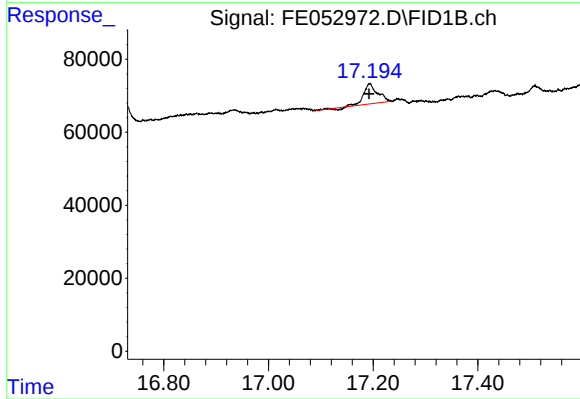
R.T.: 14.108 min
Delta R.T.: -0.002 min
Response: 298608
Conc: 2.10 ug/ml



#14 n-Tetracosane (C24)

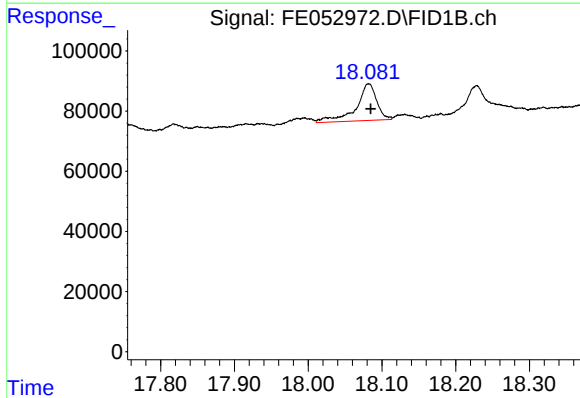
R.T.: 15.215 min
Delta R.T.: -0.001 min
Response: 130898
Conc: 0.91 ug/ml

Instrument :
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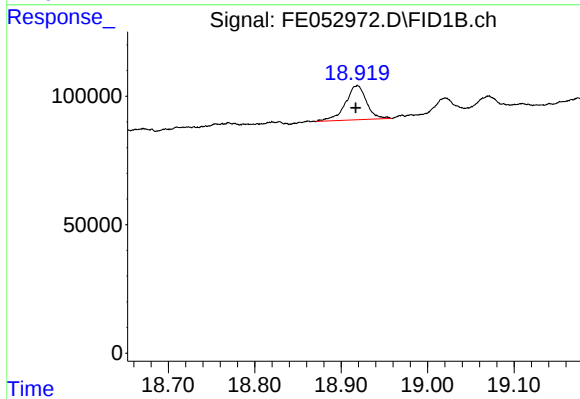
#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: 0.001 min
Response: 97216
Conc: 0.68 ug/ml



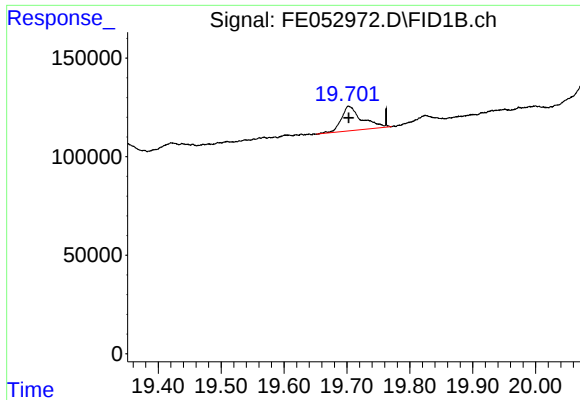
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.003 min
Response: 237241
Conc: 1.61 ug/ml



#18 n-Dotriacontane (C32)

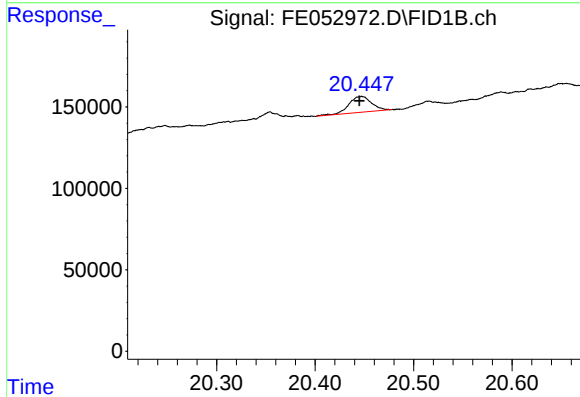
R.T.: 18.918 min
Delta R.T.: 0.001 min
Response: 225236
Conc: 1.55 ug/ml



#19 n-Tetratriacontane (C34)

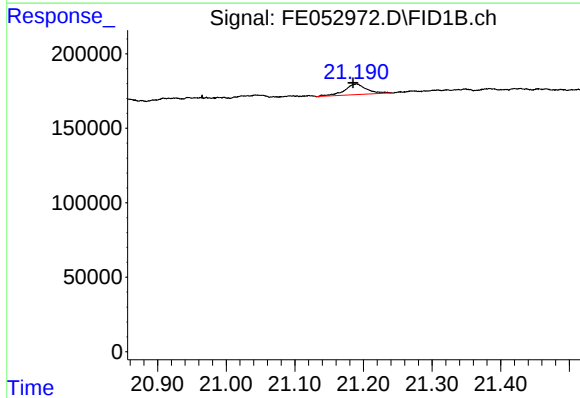
R.T.: 19.704 min
Delta R.T.: 0.001 min
Response: 286741
Conc: 2.13 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 156358
Conc: 1.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 157445
Conc: 1.42 ug/ml