

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054667.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 07:58
 Operator : YP\AJ
 Sample : Q2464-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-3-063025-E2DL

Integration File: autoint1.e
 Quant Time: Jul 03 05:08:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.078	2300878	14.169 ug/ml
Spiked Amount 50.000		Recovery =	28.34%
12) S 1-chlorooctadecane (S...	13.516	2796289	22.141 ug/ml
Spiked Amount 50.000		Recovery =	44.28%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.395	54507	0.360 ug/ml
5) T A~2-methylnaphthalene...	7.494	78116	0.531 ug/ml
6) T n-Tetradecane (C14)	8.671	44163	0.319 ug/ml
7) T n-Hexadecane (C16)	10.319	197869	1.388 ug/ml
8) T n-Octadecane (C18)	11.749	71045	0.485 ug/ml
10) T n-Eicosane (C20)	13.057	249920	1.738 ug/ml
11) T n-Heneicosane (C21)	13.633	108501	0.760 ug/ml
13) T n-Docosane (C22)	14.265	215560	1.510 ug/ml
14) T n-Tetracosane (C24)	15.363	2489835	17.128 ug/ml
15) T n-Hexacosane (C26)	16.347	94615	0.654 ug/ml
16) T n-Octacosane (C28)	17.364	775599	5.322 ug/ml
17) T n-Tricontane (C30)	18.239	610338	3.873 ug/ml
18) T n-Dotriacontane (C32)	19.074	417666	2.582 ug/ml
19) T n-Tetratriacontane (C34)	19.857	414976	2.723 ug/ml
20) T n-Hexatriacontane (C36)	20.569	209290	1.557 ug/ml
21) T n-Octatriacontane (C38)	21.381	307014	2.618 ug/ml
22) T n-Tetracontane (C40)	22.288	181686	1.676 ug/ml

(f)=RT Delta > 1/2 Window

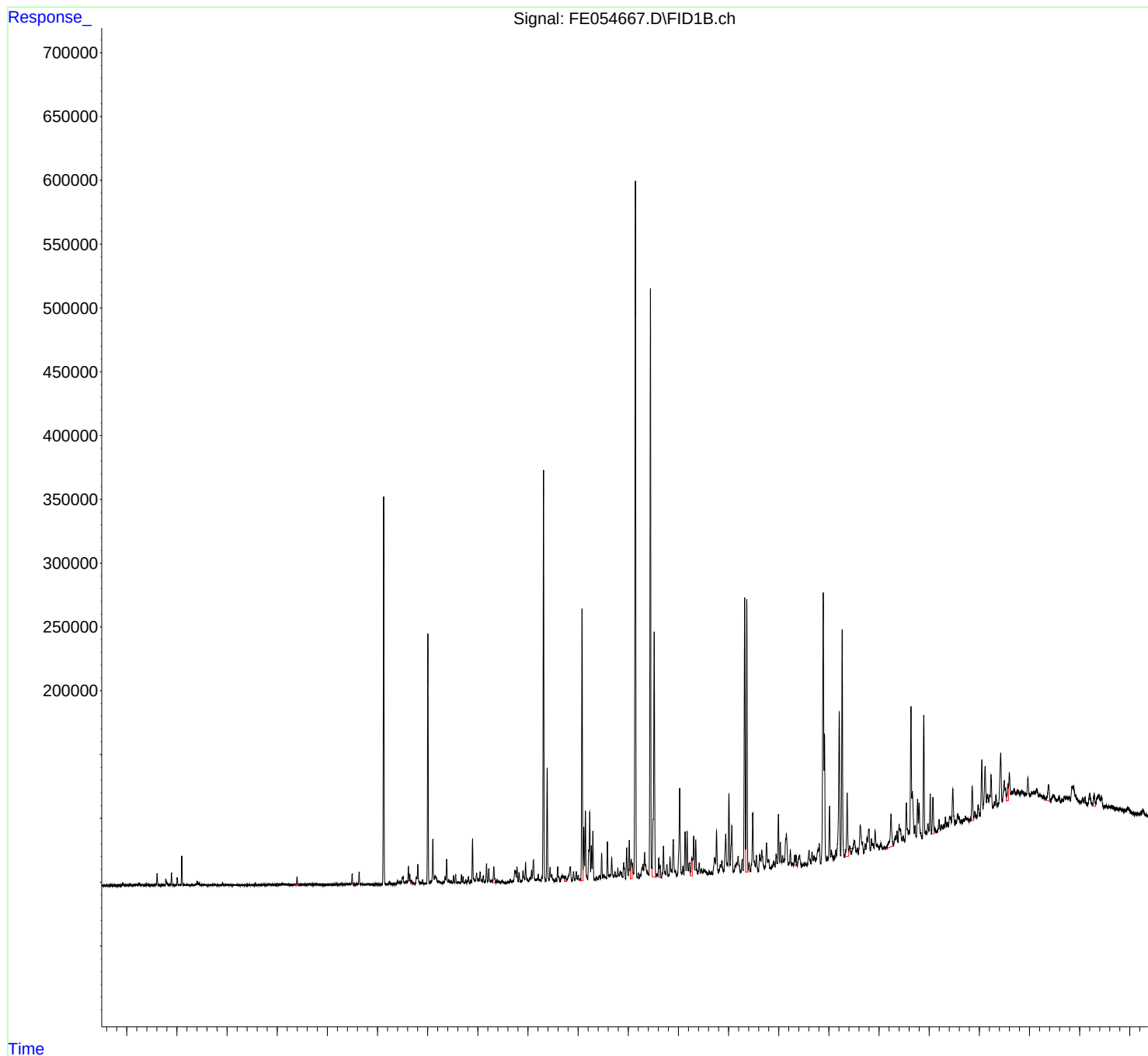
(m)=manual int.

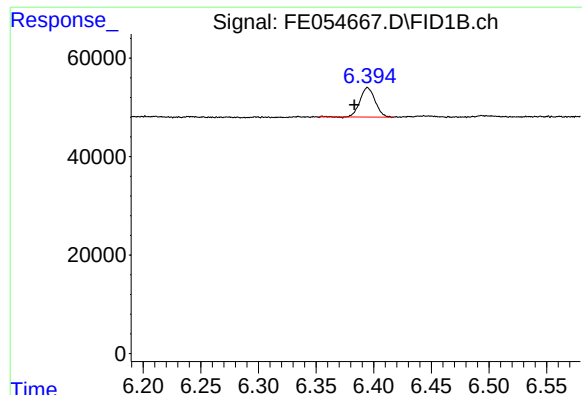
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

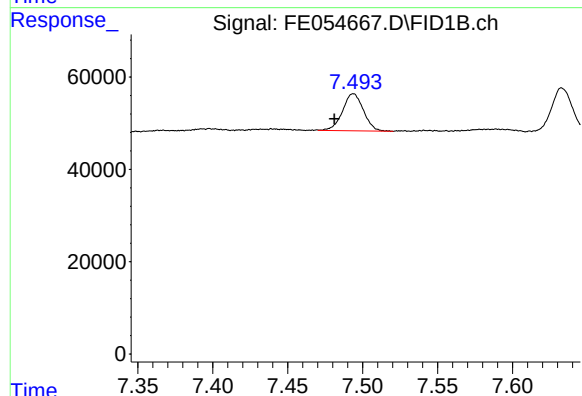




#3 A~Naphthalene (C11.7)

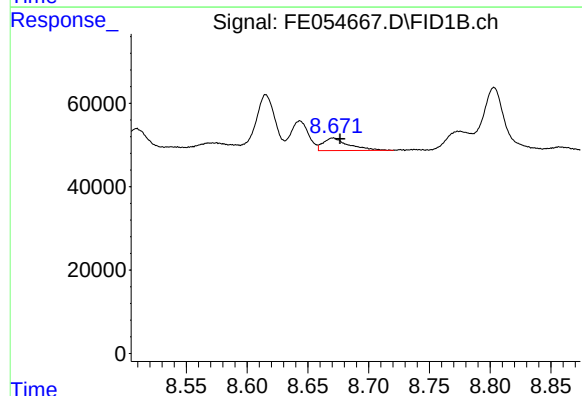
R.T.: 6.395 min
Delta R.T.: 0.012 min
Response: 54507
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-3-063025-E2DL



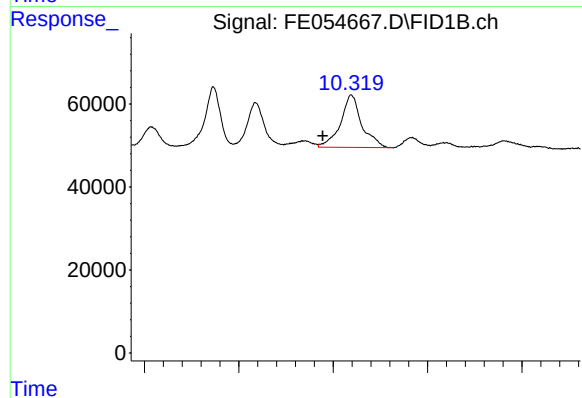
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.494 min
Delta R.T.: 0.013 min
Response: 78116
Conc: 0.53 ug/ml



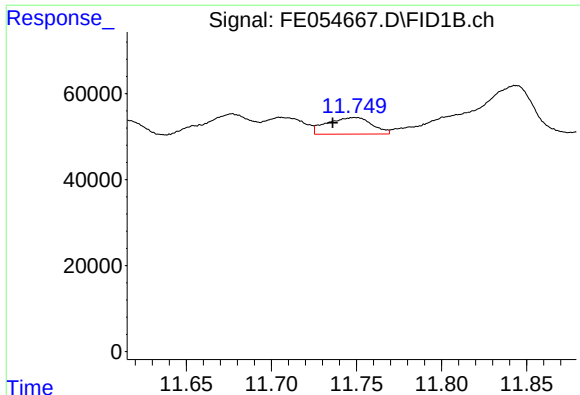
#6 n-Tetradecane (C14)

R.T.: 8.671 min
Delta R.T.: -0.006 min
Response: 44163
Conc: 0.32 ug/ml



#7 n-Hexadecane (C16)

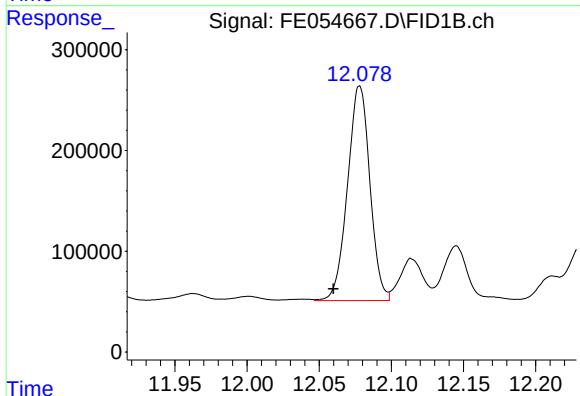
R.T.: 10.319 min
Delta R.T.: 0.030 min
Response: 197869
Conc: 1.39 ug/ml



#8 n-Octadecane (C18)

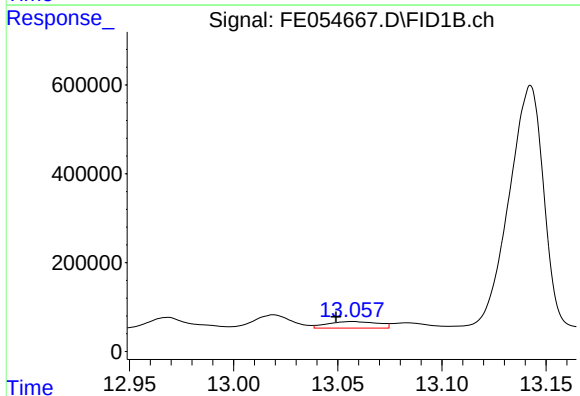
R.T.: 11.749 min
Delta R.T.: 0.013 min
Response: 71045
Conc: 0.48 ug/ml

Instrument :
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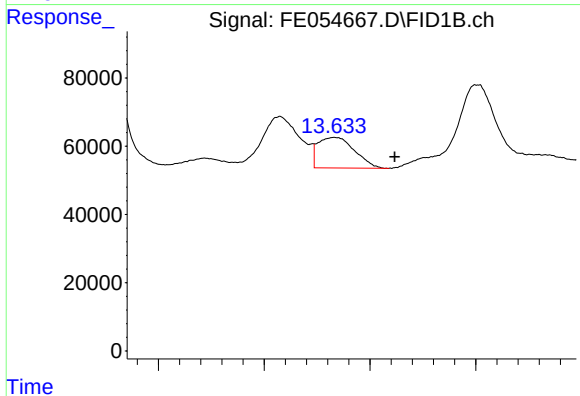
#9 ortho-Terphenyl (SURR)

R.T.: 12.078 min
Delta R.T.: 0.018 min
Response: 2300878
Conc: 14.17 ug/ml



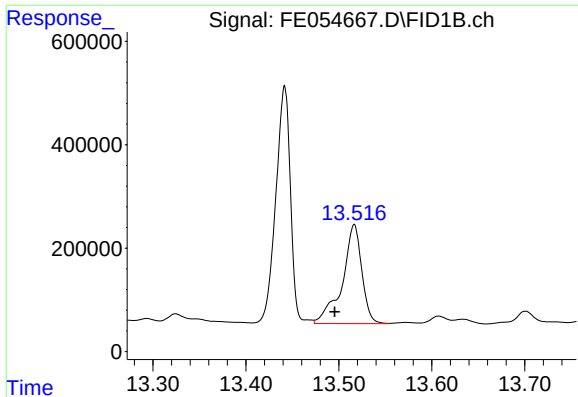
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: 0.008 min
Response: 249920
Conc: 1.74 ug/ml



#11 n-Heneicosane (C21)

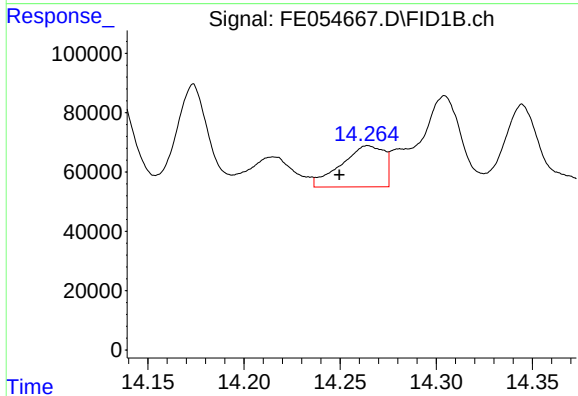
R.T.: 13.633 min
Delta R.T.: -0.029 min
Response: 108501
Conc: 0.76 ug/ml



#12 1-chlorooctadecane (SURR)

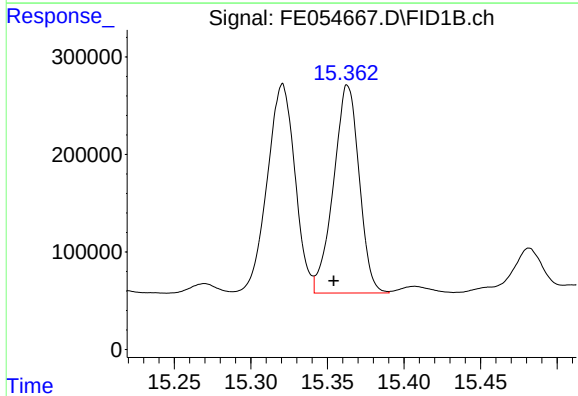
R.T.: 13.516 min
Delta R.T.: 0.021 min
Response: 2796289
Conc: 22.14 ug/ml

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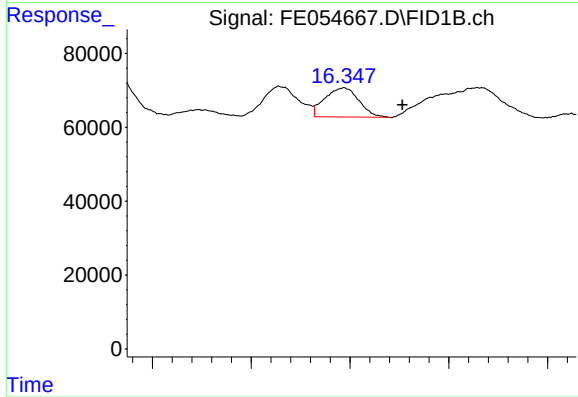
#13 n-Docosane (C22)

R.T.: 14.265 min
Delta R.T.: 0.015 min
Response: 215560
Conc: 1.51 ug/ml



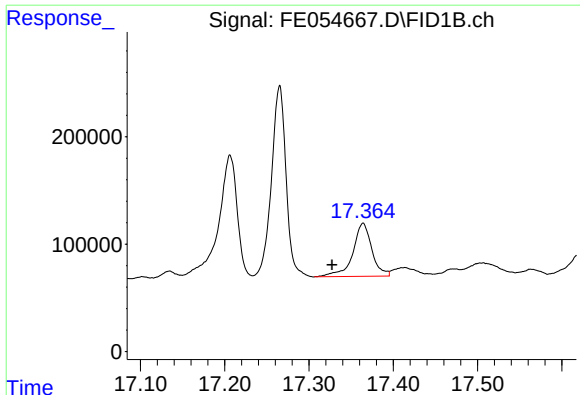
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: 0.009 min
Response: 2489835
Conc: 17.13 ug/ml



#15 n-Hexacosane (C26)

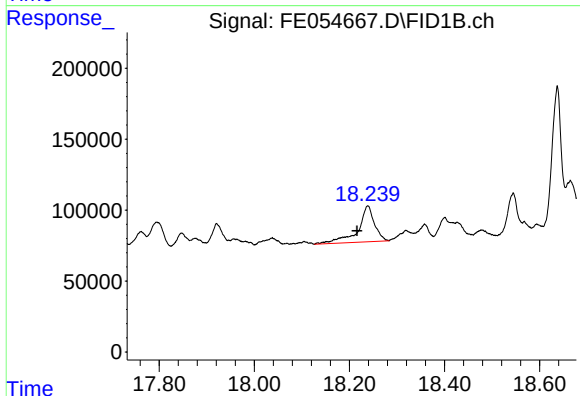
R.T.: 16.347 min
Delta R.T.: -0.030 min
Response: 94615
Conc: 0.65 ug/ml



#16 n-Octacosane (C28)

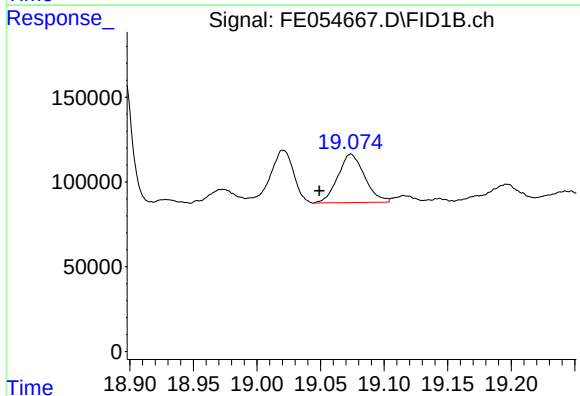
R.T.: 17.364 min
Delta R.T.: 0.037 min
Response: 775599
Conc: 5.32 ug/ml

Instrument :
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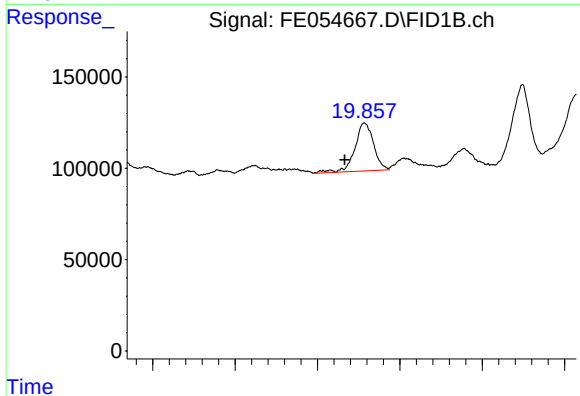
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: 0.023 min
Response: 610338
Conc: 3.87 ug/ml



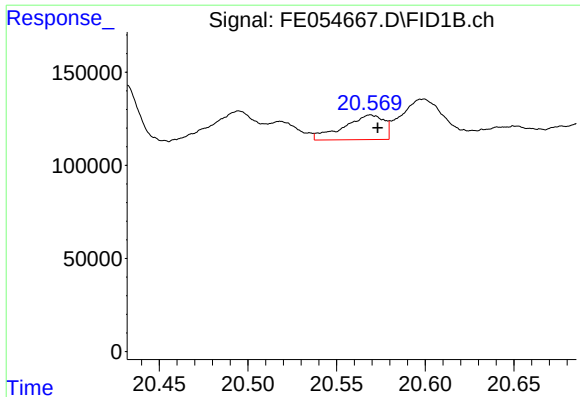
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.025 min
Response: 417666
Conc: 2.58 ug/ml



#19 n-Tetratriacontane (C34)

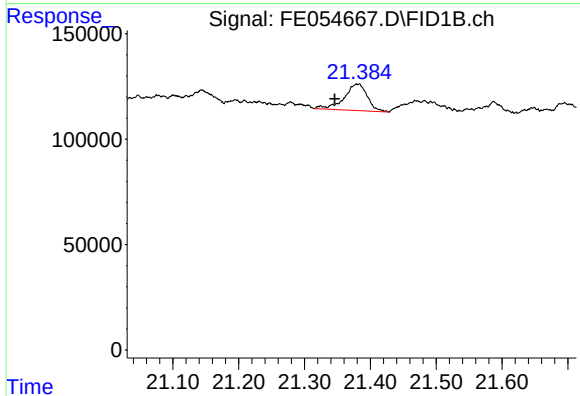
R.T.: 19.857 min
Delta R.T.: 0.024 min
Response: 414976
Conc: 2.72 ug/ml



#20 n-Hexatriacontane (C36)

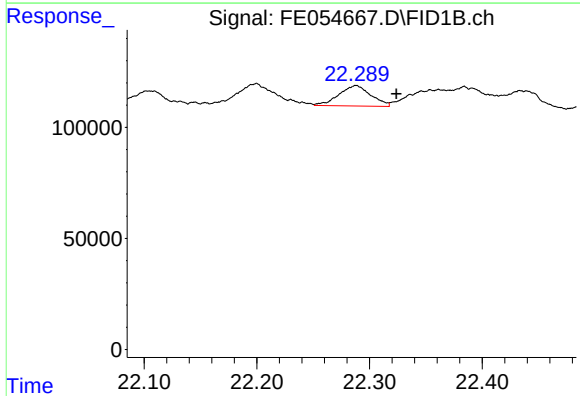
R.T.: 20.569 min
Delta R.T.: -0.004 min
Response: 209290
Conc: 1.56 ug/ml

Instrument :
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#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: 0.035 min
Response: 307014
Conc: 2.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.288 min
Delta R.T.: -0.036 min
Response: 181686
Conc: 1.68 ug/ml