

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053983.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 19:11
 Operator : YP\AJ
 Sample : Q2102-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0077

Integration File: autoint1.e
 Quant Time: May 23 01:32:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.872	502407017	3091.507 ug/ml
Spiked Amount 50.000		Recovery	= 6183.01%
12) S 1-chlorooctadecane (S...	13.312	175714984	1482.209 ug/ml
Spiked Amount 50.000		Recovery	= 2964.42%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.188	203765	1.418 ug/ml
4) T n-Dodecane (C12)	6.638	776992	5.696 ug/ml
5) T A~2-methylnaphthalene...	7.271	1096159	7.903 ug/ml
6) T n-Tetradecane (C14)	8.485	714942	5.298 ug/ml
7) T n-Hexadecane (C16)	10.023f	1022238	7.576 ug/ml
8) T n-Octadecane (C18)	11.549	4144855	30.780 ug/ml
10) T n-Eicosane (C20)	12.866	212117038	1613.932 ug/ml
11) T n-Heneicosane (C21)	13.470	97889804	755.067 ug/ml
13) T n-Docosane (C22)	14.072	120900073	947.671 ug/ml
14) T n-Tetracosane (C24)	15.160	5457480	43.619 ug/ml
15) T n-Hexacosane (C26)	16.227	1444667	11.798 ug/ml
16) T n-Octacosane (C28)	17.149	293377	2.413 ug/ml
17) T n-Tricontane (C30)	18.031	872893	7.008 ug/ml
18) T n-Dotriacontane (C32)	18.847	1296614	10.368 ug/ml
19) T n-Tetratriacontane (C34)	19.621	359066	3.014 ug/ml
20) T n-Hexatriacontane (C36)	20.388	1854455	16.016 ug/ml
21) T n-Octatriacontane (C38)	21.145	308692	2.837 ug/ml
22) T n-Tetracontane (C40)	21.976	279877	2.820 ug/ml

(f)=RT Delta > 1/2 Window

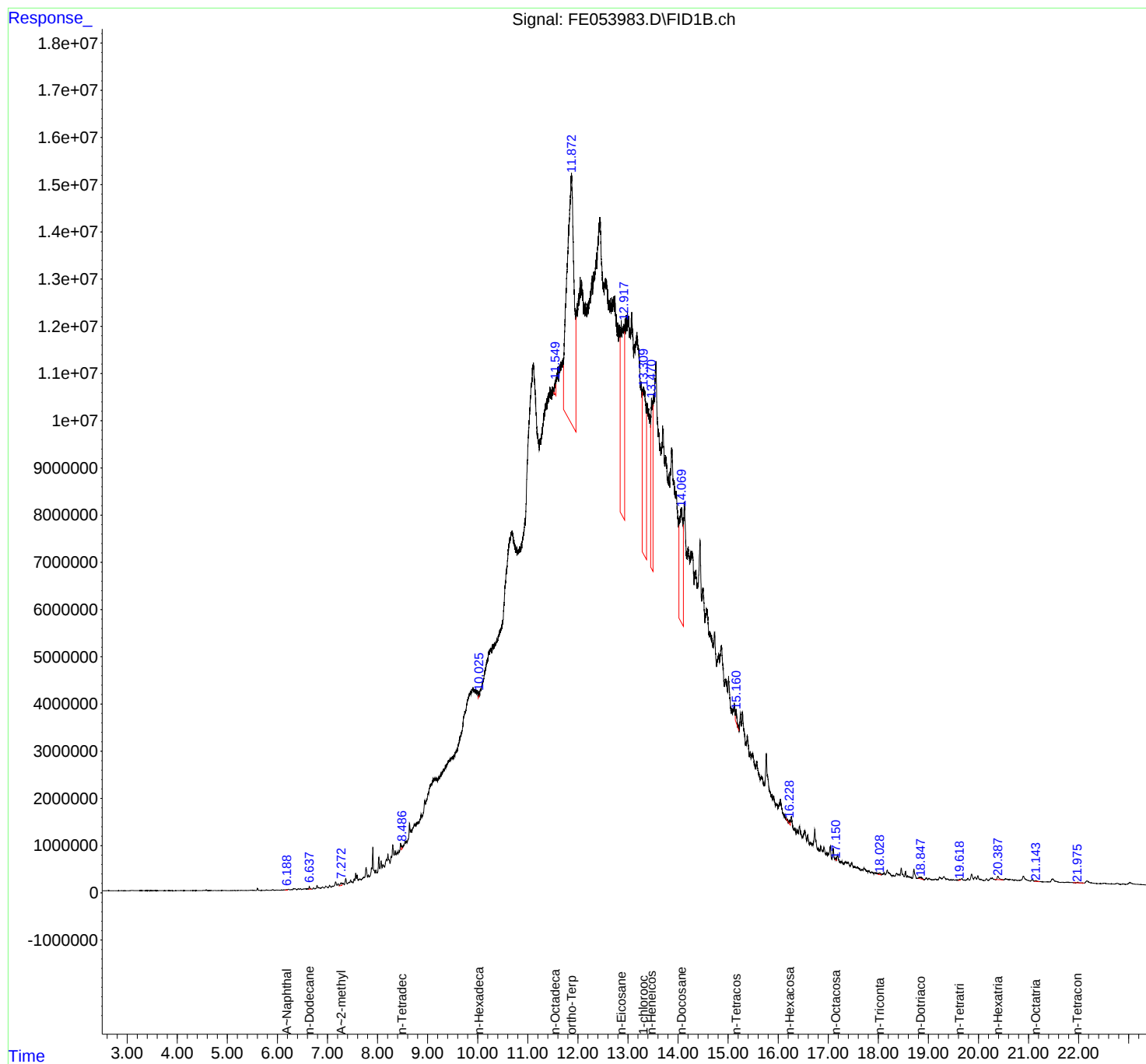
(m)=manual int.

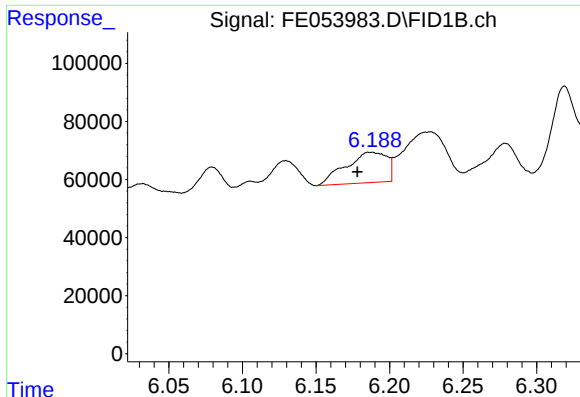
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
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Operator : YP\AJ
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Signal Info : 20M x 0.18mm x 0.18um

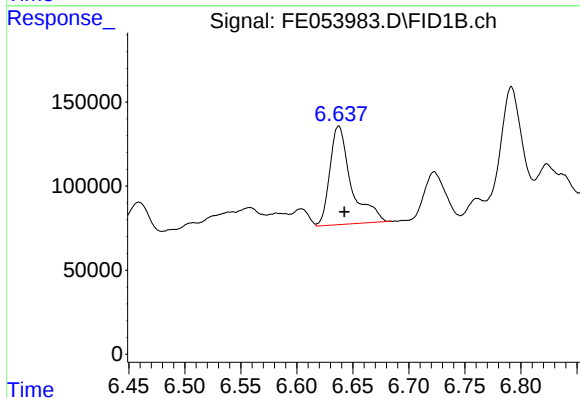




#3 A~Naphthalene (C11.7)

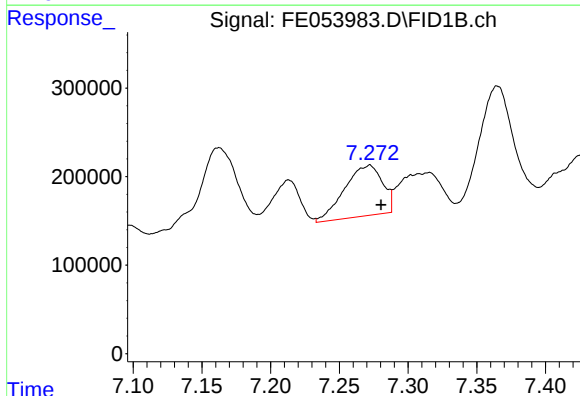
R.T.: 6.188 min
Delta R.T.: 0.010 min
Response: 203765
Conc: 1.42 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0077



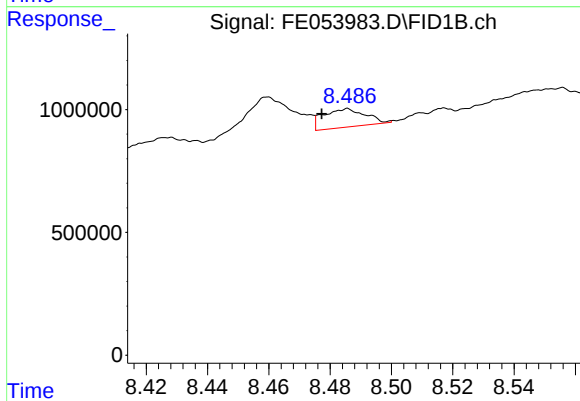
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 776992
Conc: 5.70 ug/ml



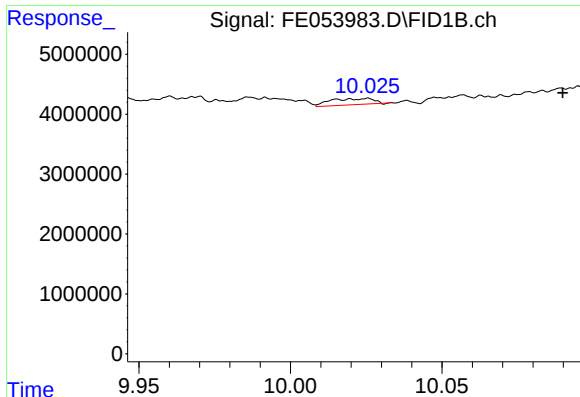
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: -0.009 min
Response: 1096159
Conc: 7.90 ug/ml



#6 n-Tetradecane (C14)

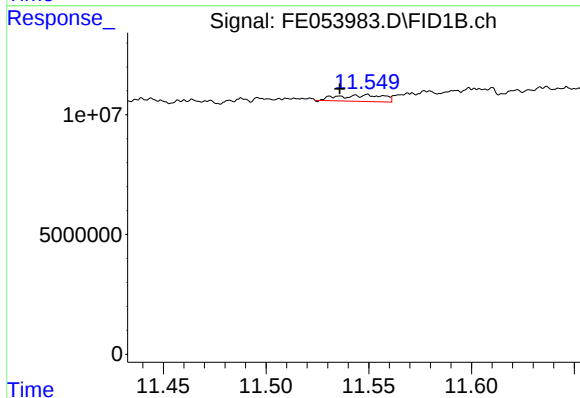
R.T.: 8.485 min
Delta R.T.: 0.008 min
Response: 714942
Conc: 5.30 ug/ml



#7 n-Hexadecane (C16)

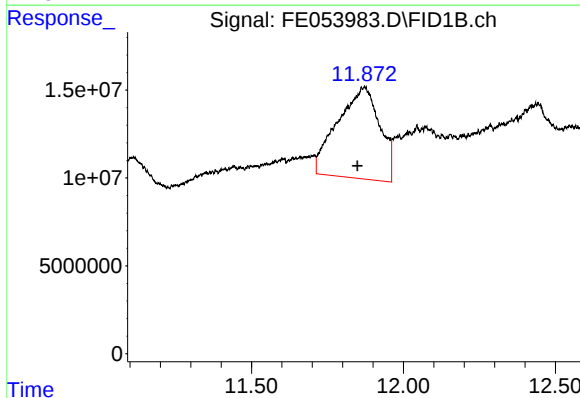
R.T.: 10.023 min
Delta R.T.: -0.067 min
Response: 1022238
Conc: 7.58 ug/ml

Instrument :
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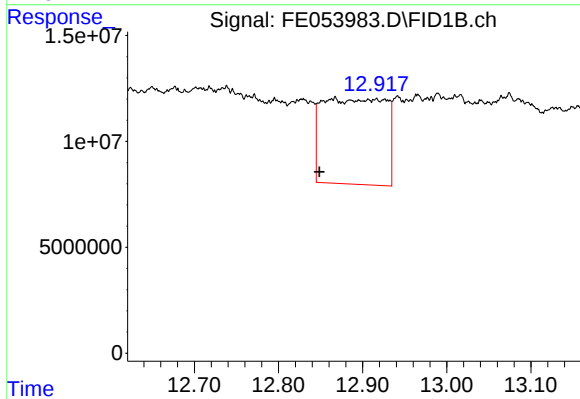
#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.013 min
Response: 4144855
Conc: 30.78 ug/ml



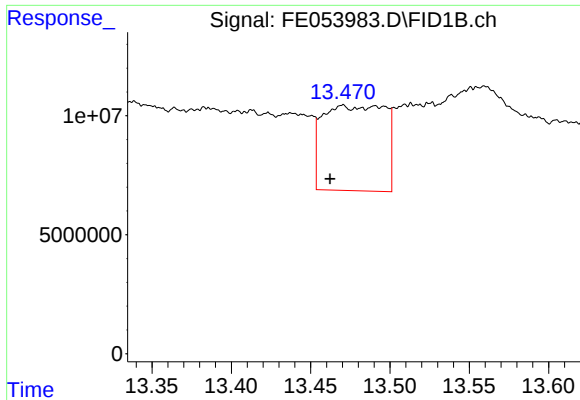
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.023 min
Response: 502407017
Conc: 3091.51 ug/ml



#10 n-Eicosane (C20)

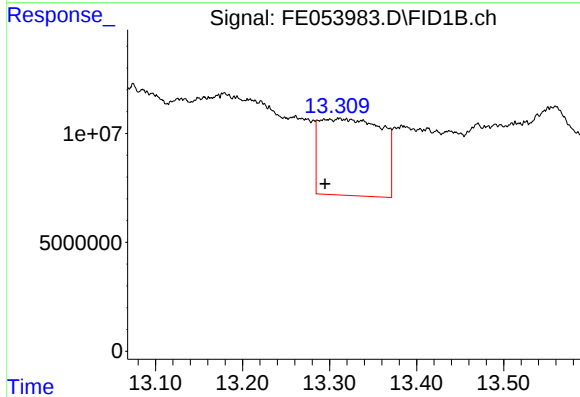
R.T.: 12.866 min
Delta R.T.: 0.017 min
Response: 212117038
Conc: 1613.93 ug/ml



#11 n-Heneicosane (C21)

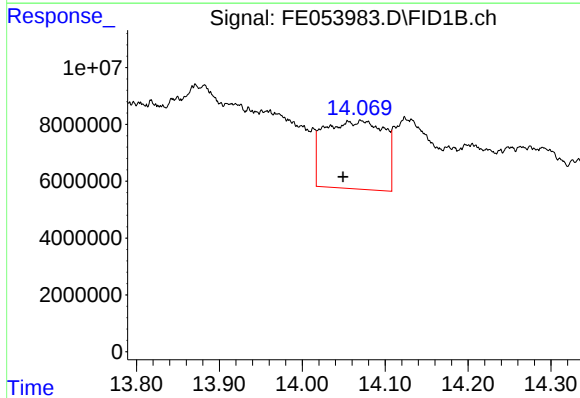
R.T.: 13.470 min
Delta R.T.: 0.008 min
Response: 97889804
Conc: 755.07 ug/ml

Instrument :
FID_E
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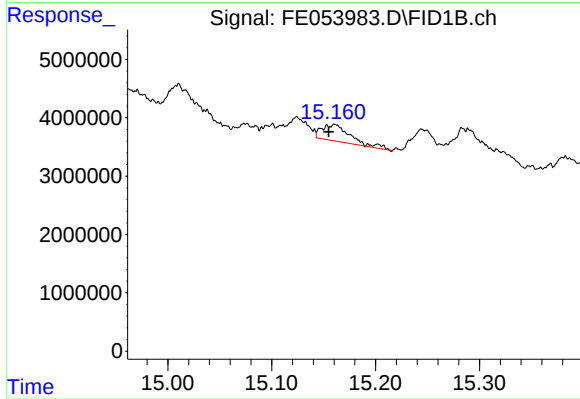
#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.017 min
Response: 175714984
Conc: 1482.21 ug/ml



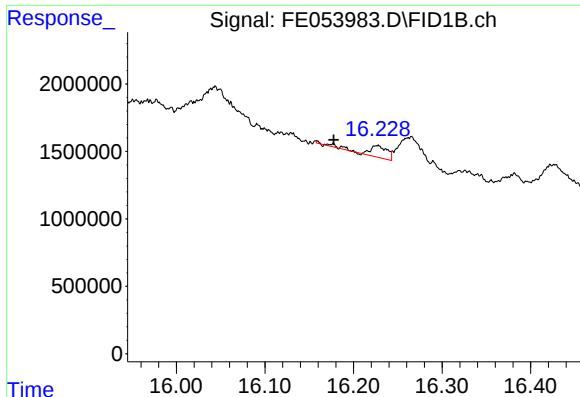
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: 0.023 min
Response: 120900073
Conc: 947.67 ug/ml



#14 n-Tetracosane (C24)

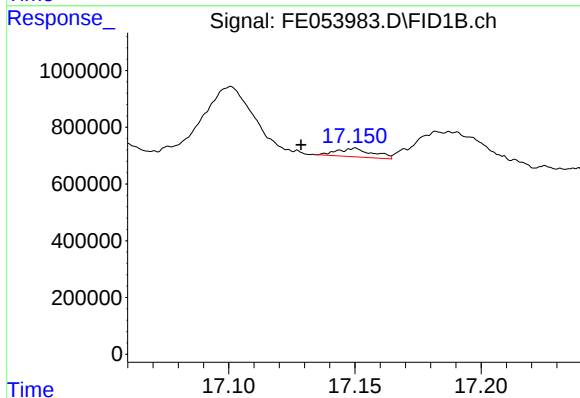
R.T.: 15.160 min
Delta R.T.: 0.006 min
Response: 5457480
Conc: 43.62 ug/ml



#15 n-Hexacosane (C26)

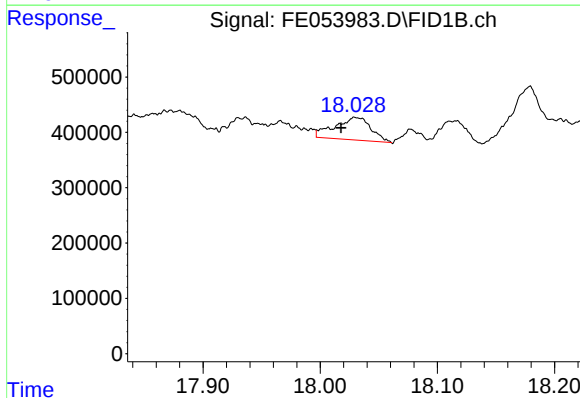
R.T.: 16.227 min
Delta R.T.: 0.049 min
Response: 1444667
Conc: 11.80 ug/ml

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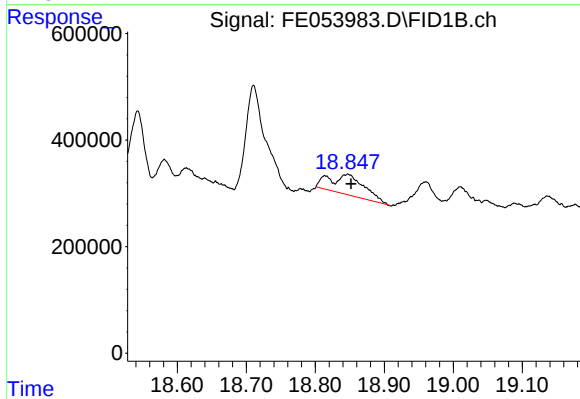
#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.020 min
Response: 293377
Conc: 2.41 ug/ml



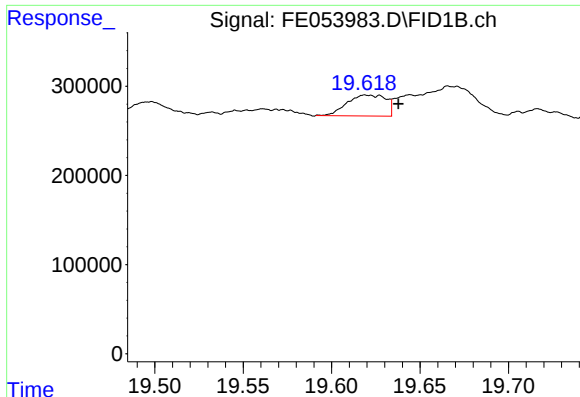
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.013 min
Response: 872893
Conc: 7.01 ug/ml



#18 n-Dotriacontane (C32)

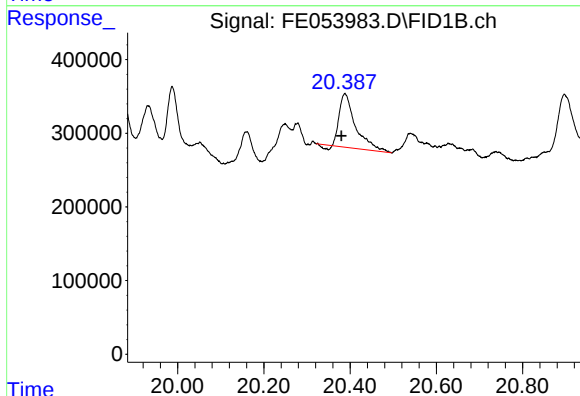
R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 1296614
Conc: 10.37 ug/ml



#19 n-Tetratriacontane (C34)

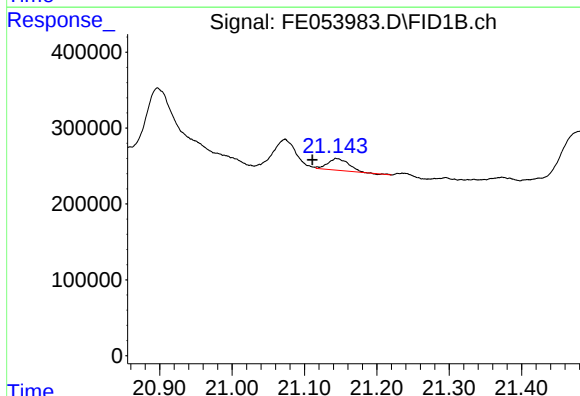
R.T.: 19.621 min
Delta R.T.: -0.017 min
Response: 359066
Conc: 3.01 ug/ml

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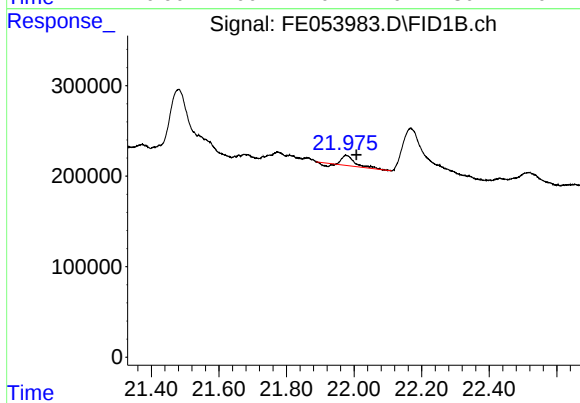
#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: 0.008 min
Response: 1854455
Conc: 16.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: 0.034 min
Response: 308692
Conc: 2.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.031 min
Response: 279877
Conc: 2.82 ug/ml