

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054676.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 19:52
 Operator : YP\AJ
 Sample : Q2480-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GPX5

Integration File: autoint1.e
 Quant Time: Jul 03 05:11:12 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)	12.076	4460911	27.470 ug/ml
Spiked Amount 50.000		Recovery =	54.94%
12) S 1-chlorooctadecane (S...	13.512	3561608	28.201 ug/ml
Spiked Amount 50.000		Recovery =	56.40%
Target Compounds			
1) T n-Nonane (C9)	3.418	2950694	21.937 ug/ml
2) T n-Decane (C10)	4.677	1254151	9.191 ug/ml
3) T A~Naphthalene (C11.7)	6.393	4174252	27.569 ug/ml
4) T n-Dodecane (C12)	6.850	2033521	14.821 ug/ml
5) T A~2-methylnaphthalene...	7.492	4305259	29.287 ug/ml
6) T n-Tetradecane (C14)	8.685	374139	2.699 ug/ml
7) T n-Hexadecane (C16)	10.300	214570	1.506 ug/ml
8) T n-Octadecane (C18)	11.748	132705	0.905 ug/ml
10) T n-Eicosane (C20)	13.062	136741	0.951 ug/ml
11) T n-Heneicosane (C21)	13.677	107533	0.753 ug/ml
13) T n-Docosane (C22)	14.264	57073	0.400 ug/ml
14) T n-Tetracosane (C24)	15.352	261221	1.797 ug/ml
15) T n-Hexacosane (C26)	16.393	28384	0.196 ug/ml
17) T n-Tricontane (C30)	18.235	122548	0.778 ug/ml
18) T n-Dotriacontane (C32)	19.067	52646	0.325 ug/ml
19) T n-Tetratriacontane (C34)	19.853	29924	0.196 ug/ml
20) T n-Hexatriacontane (C36)	20.557	41968	0.312 ug/ml
22) T n-Tetracontane (C40)	22.265f	44352	0.409 ug/ml

(f)=RT Delta > 1/2 Window

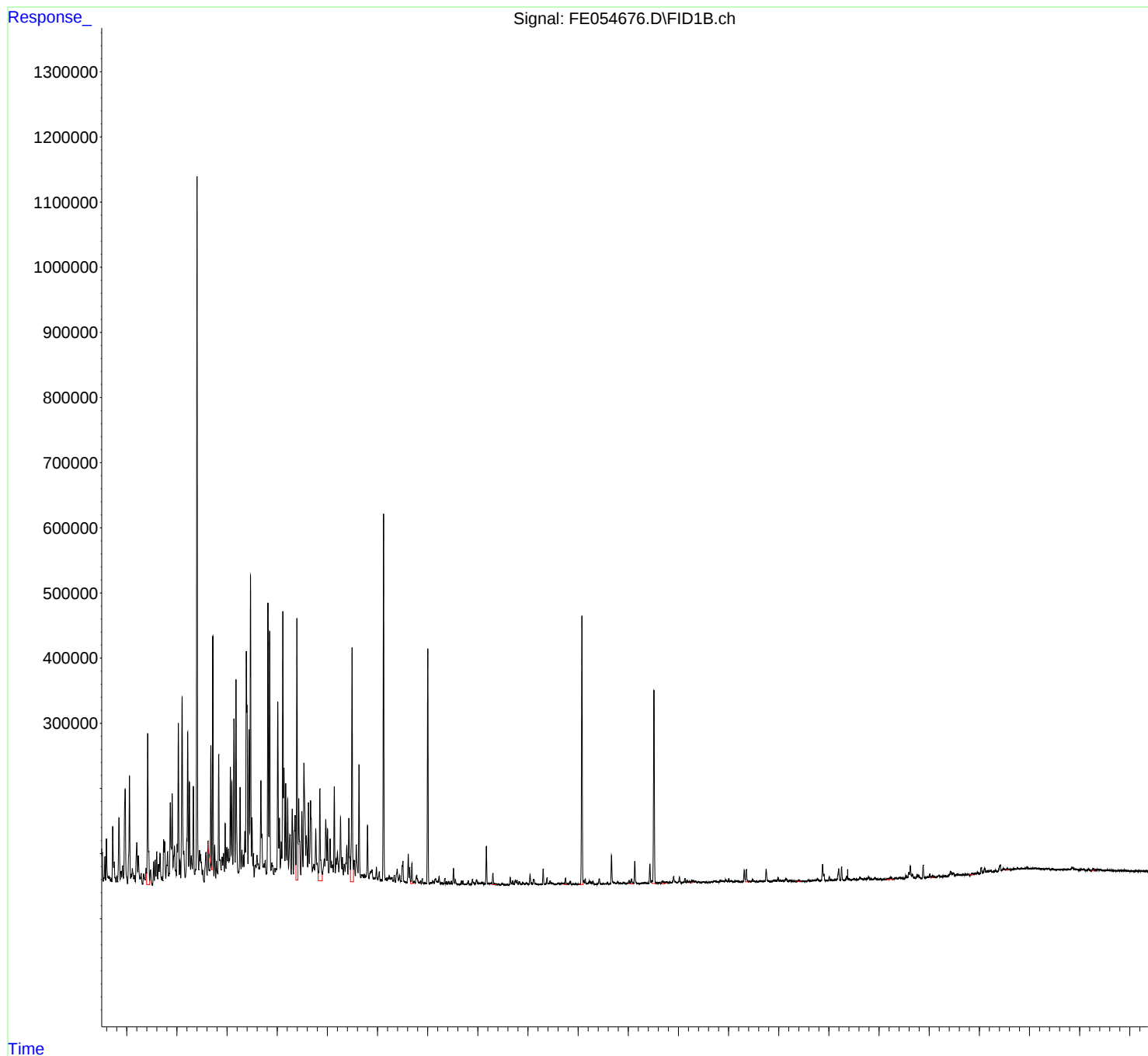
(m)=manual int.

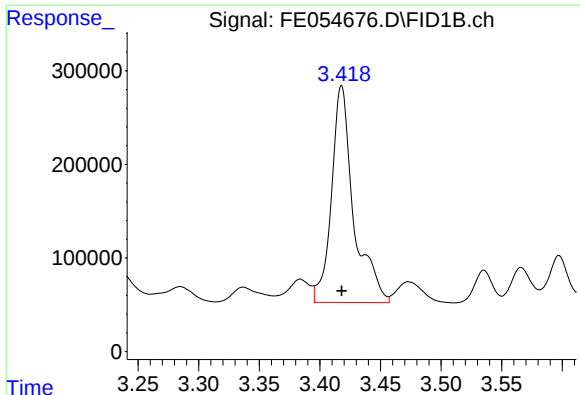
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

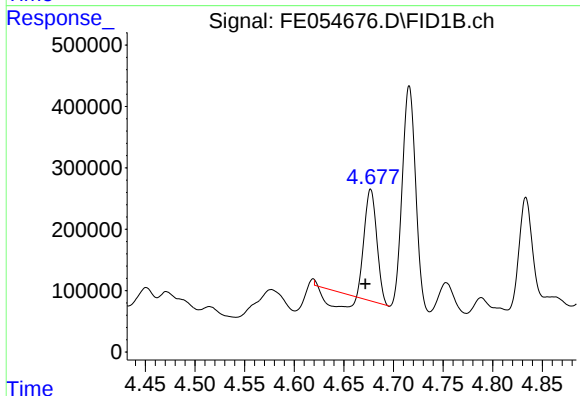




#1 n-Nonane (C9)

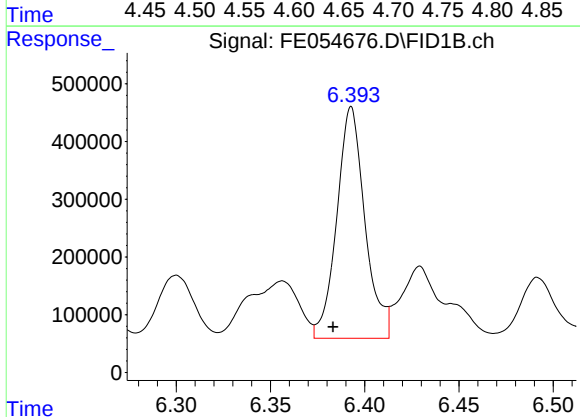
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 2950694
Conc: 21.94 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5



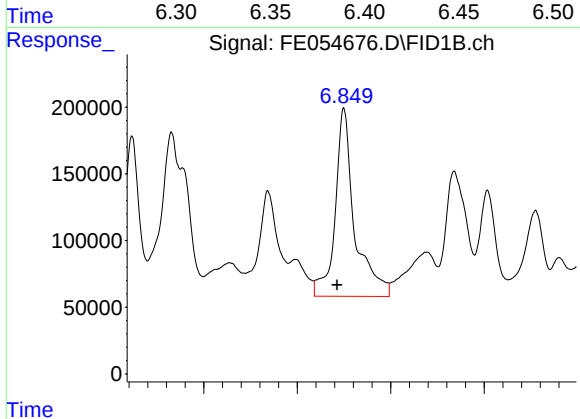
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: 0.005 min
Response: 1254151
Conc: 9.19 ug/ml



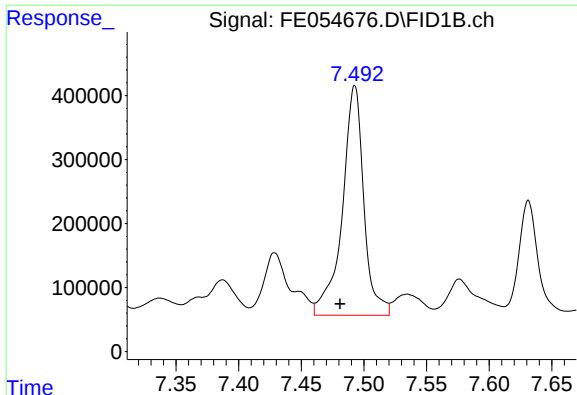
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: 0.010 min
Response: 4174252
Conc: 27.57 ug/ml



#4 n-Dodecane (C12)

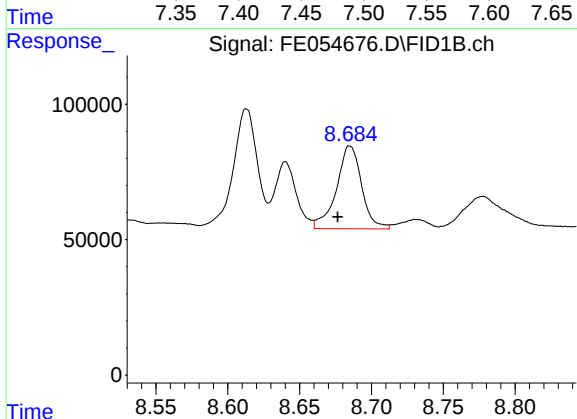
R.T.: 6.850 min
Delta R.T.: 0.007 min
Response: 2033521
Conc: 14.82 ug/ml



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

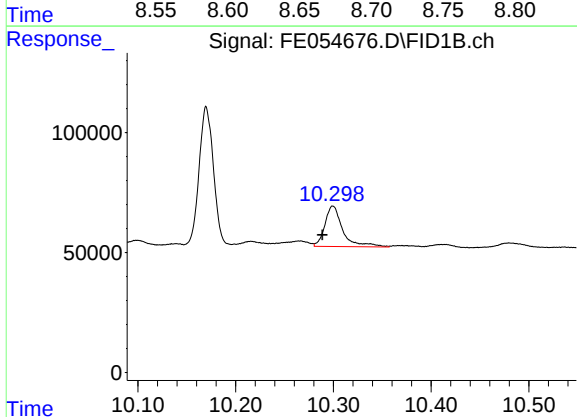
R.T.: 7.492 min
Delta R.T.: 0.011 min
Response: 4305259
Conc: 29.29 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5



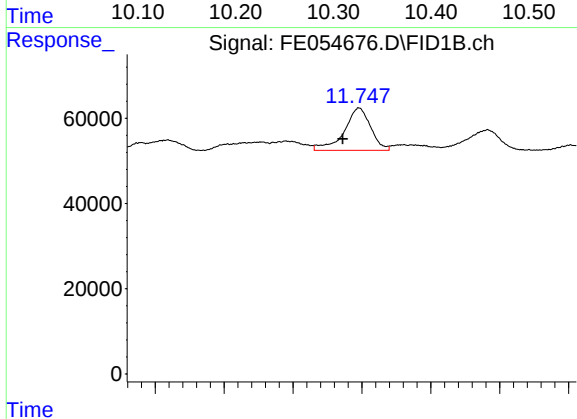
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.009 min
Response: 374139
Conc: 2.70 ug/ml



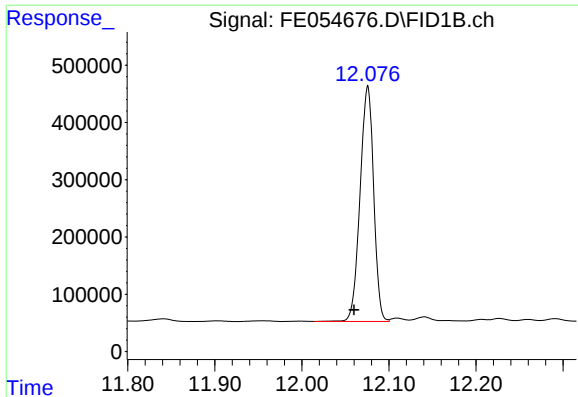
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.011 min
Response: 214570
Conc: 1.51 ug/ml



#8 n-Octadecane (C18)

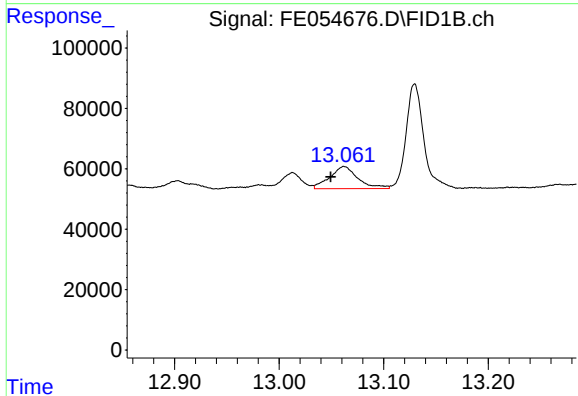
R.T.: 11.748 min
Delta R.T.: 0.012 min
Response: 132705
Conc: 0.91 ug/ml



#9 ortho-Terphenyl (SURR)

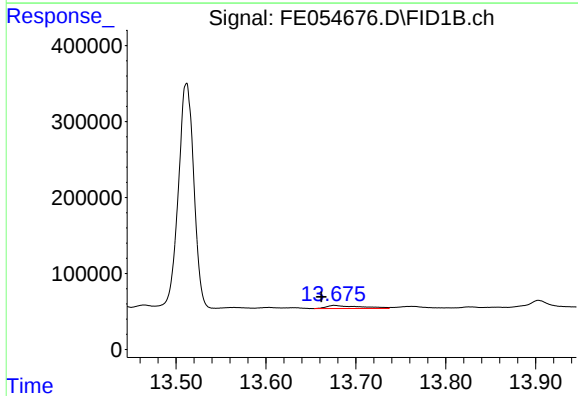
R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4460911
Conc: 27.47 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5



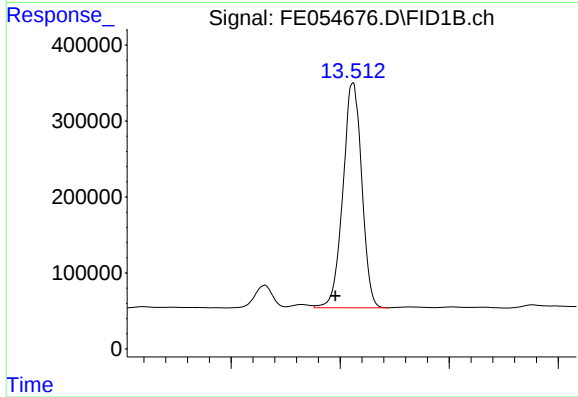
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: 0.013 min
Response: 136741
Conc: 0.95 ug/ml



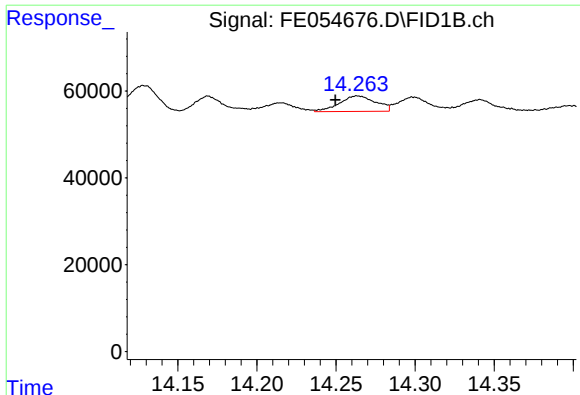
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: 0.015 min
Response: 107533
Conc: 0.75 ug/ml



#12 1-chlorooctadecane (SURR)

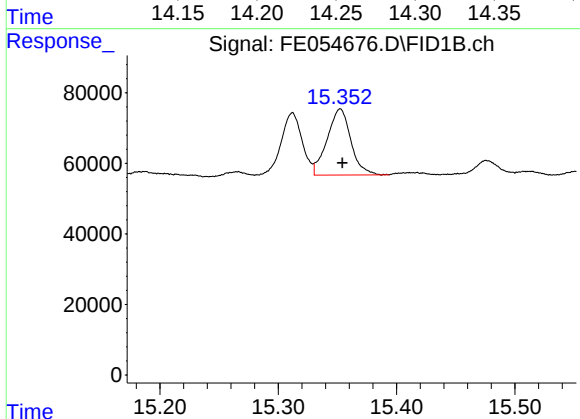
R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3561608
Conc: 28.20 ug/ml



#13 n-Docosane (C22)

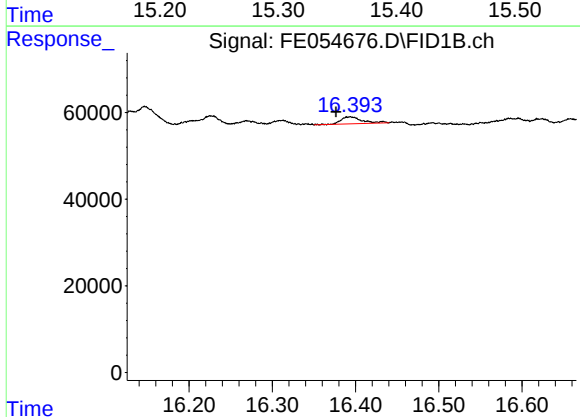
R.T.: 14.264 min
Delta R.T.: 0.014 min
Response: 57073
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX5



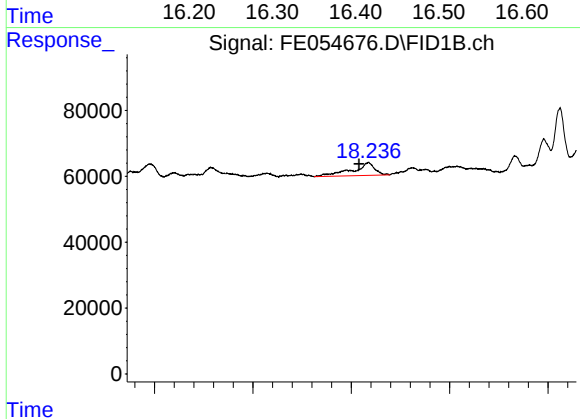
#14 n-Tetracosane (C24)

R.T.: 15.352 min
Delta R.T.: -0.002 min
Response: 261221
Conc: 1.80 ug/ml



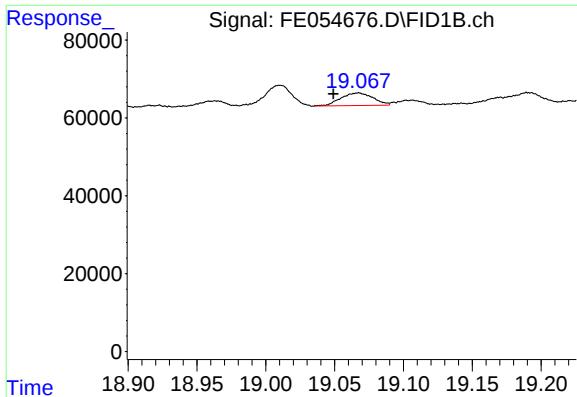
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.017 min
Response: 28384
Conc: 0.20 ug/ml



#17 n-Tricontane (C30)

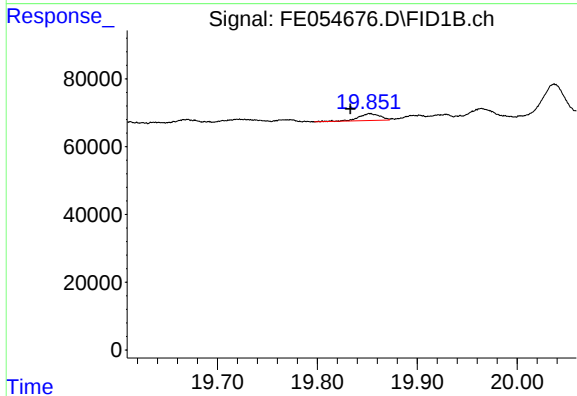
R.T.: 18.235 min
Delta R.T.: 0.019 min
Response: 122548
Conc: 0.78 ug/ml



#18 n-Dotriacontane (C32)

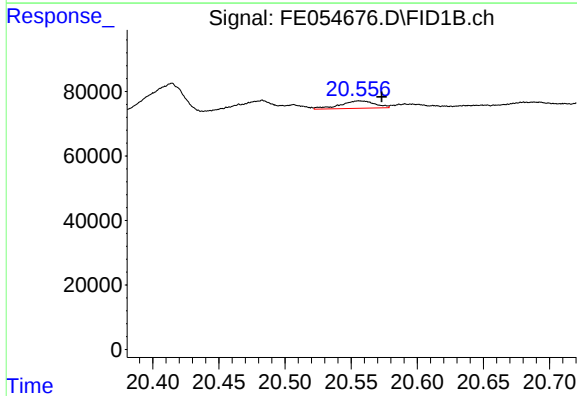
R.T.: 19.067 min
Delta R.T.: 0.018 min
Response: 52646
Conc: 0.33 ug/ml

Instrument :
FID_E
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GPX5



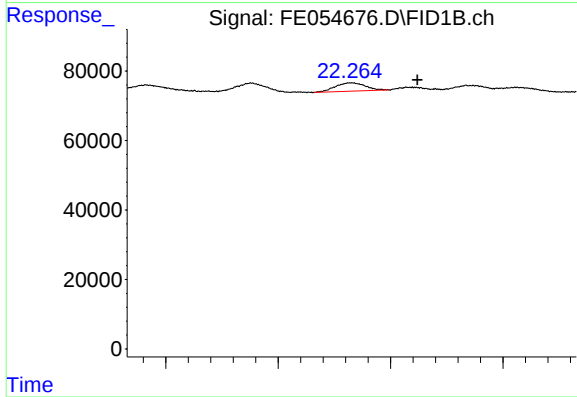
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: 0.020 min
Response: 29924
Conc: 0.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.557 min
Delta R.T.: -0.016 min
Response: 41968
Conc: 0.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.265 min
Delta R.T.: -0.059 min
Response: 44352
Conc: 0.41 ug/ml