

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054679.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 21:24
 Operator : YP\AJ
 Sample : Q2480-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GPX8

Integration File: autoint1.e
 Quant Time: Jul 03 05:11:58 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	4801239	29.565 ug/ml
Spiked Amount 50.000		Recovery =	59.13%
12) S 1-chlorooctadecane (S...)	13.512	3989935	31.592 ug/ml
Spiked Amount 50.000		Recovery =	63.18%
Target Compounds			
1) T n-Nonane (C9)	3.417	888498	6.606 ug/ml
2) T n-Decane (C10)	4.675	279387	2.048 ug/ml
3) T A~Naphthalene (C11.7)	6.391	1826340	12.062 ug/ml
4) T n-Dodecane (C12)	6.849	635898	4.635 ug/ml
5) T A~2-methylnaphthalene...	7.490	2088384	14.206 ug/ml
6) T n-Tetradecane (C14)	8.684	131394	0.948 ug/ml
7) T n-Hexadecane (C16)	10.300	64543	0.453 ug/ml
8) T n-Octadecane (C18)	11.748	45227	0.309 ug/ml
10) T n-Eicosane (C20)	13.061	69885	0.486 ug/ml
11) T n-Heneicosane (C21)	13.698	72846	0.510 ug/ml
13) T n-Docosane (C22)	14.262	38358	0.269 ug/ml
14) T n-Tetracosane (C24)	15.352	233779	1.608 ug/ml
16) T n-Octacosane (C28)	17.353	40778	0.280 ug/ml
17) T n-Tricontane (C30)	18.234	82636	0.524 ug/ml
18) T n-Dotriacontane (C32)	19.066	66457	0.411 ug/ml
19) T n-Tetratriacontane (C34)	19.856	20822	0.137 ug/ml
20) T n-Hexatriacontane (C36)	20.556	56374	0.419 ug/ml
22) T n-Tetracontane (C40)	22.265f	28997	0.268 ug/ml

(f)=RT Delta > 1/2 Window

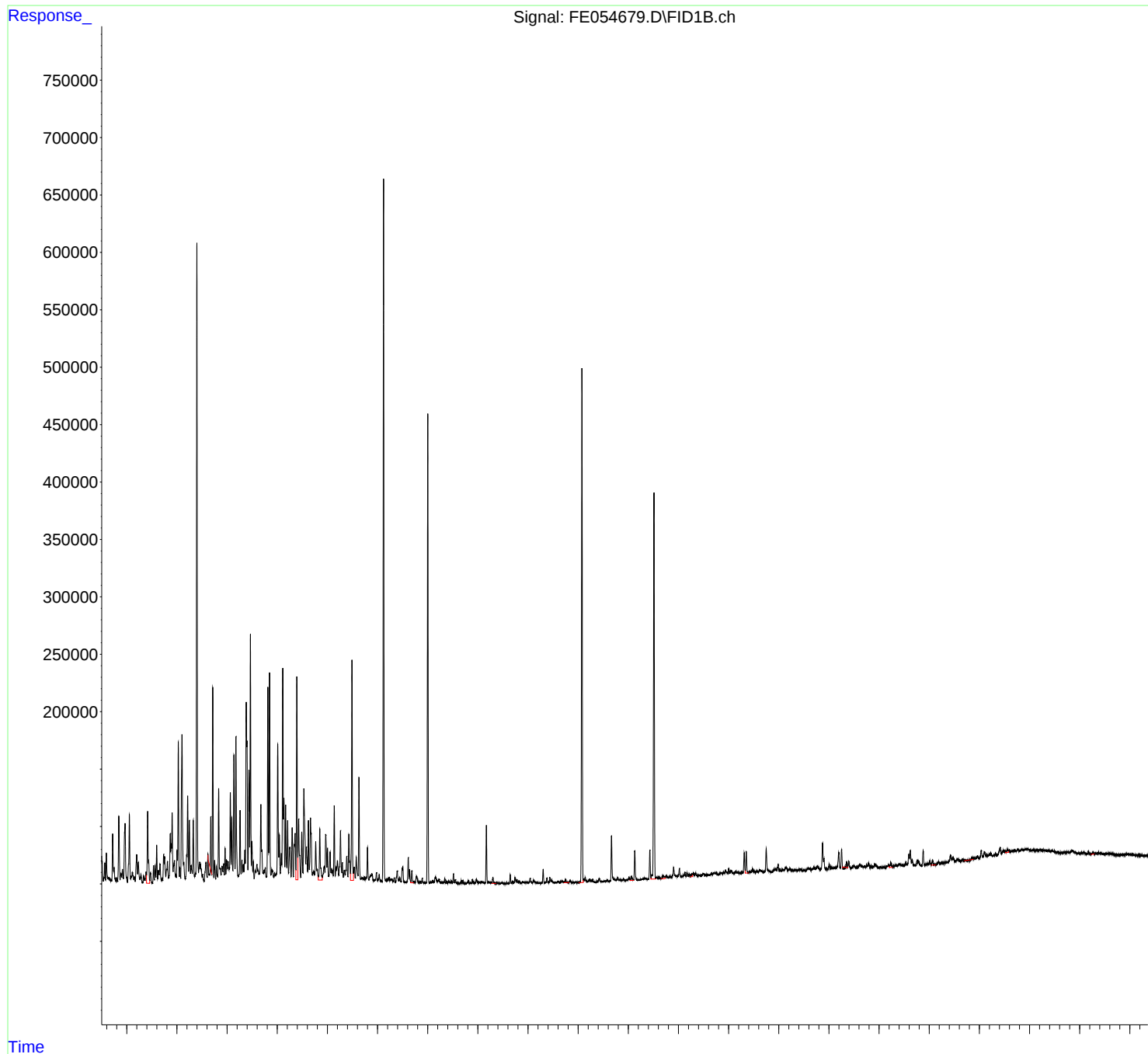
(m)=manual int.

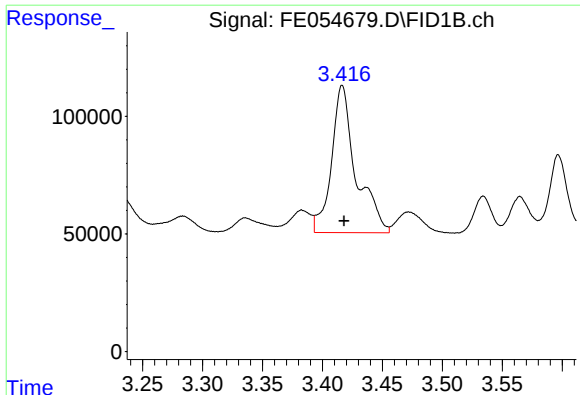
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

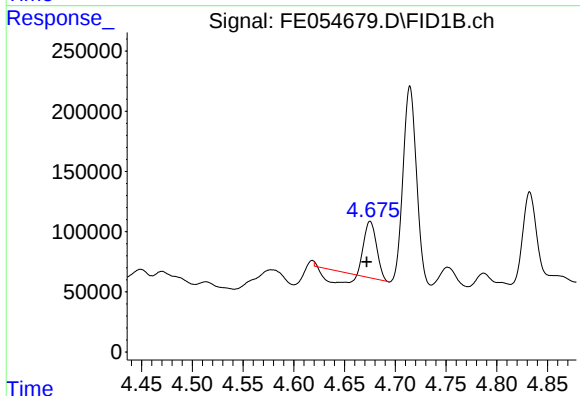




#1 n-Nonane (C9)

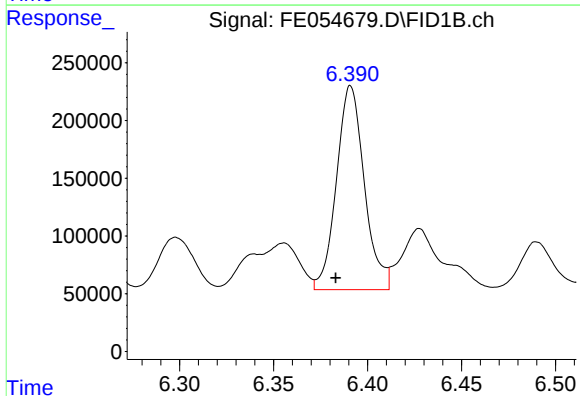
R.T.: 3.417 min
Delta R.T.: -0.001 min
Response: 888498
Conc: 6.61 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX8



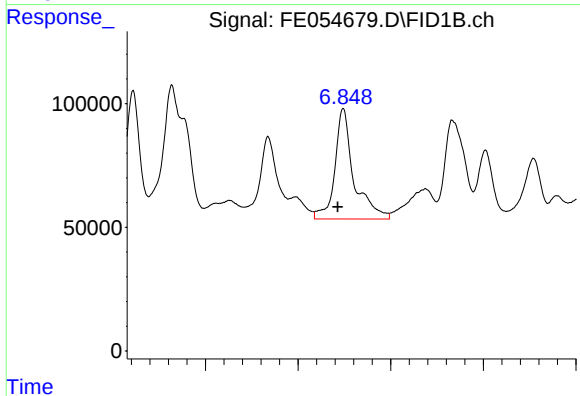
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: 0.004 min
Response: 279387
Conc: 2.05 ug/ml



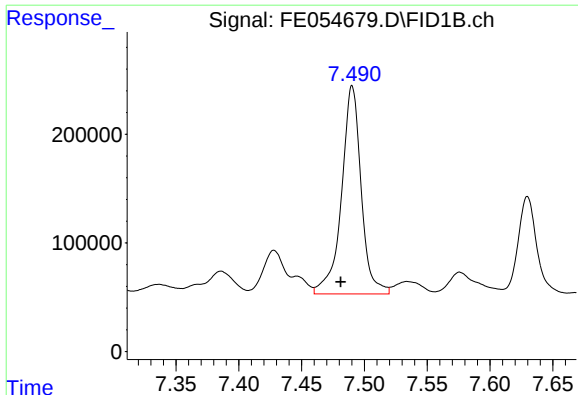
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: 0.008 min
Response: 1826340
Conc: 12.06 ug/ml



#4 n-Dodecane (C12)

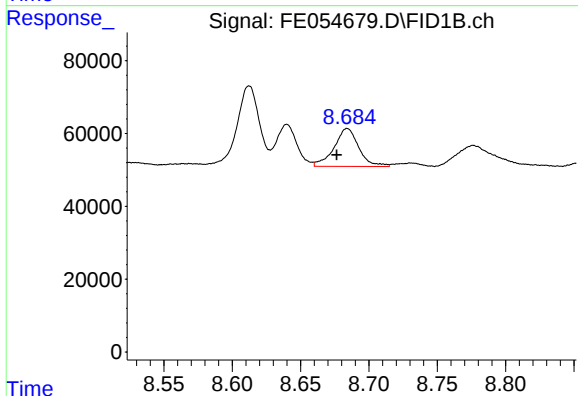
R.T.: 6.849 min
Delta R.T.: 0.006 min
Response: 635898
Conc: 4.63 ug/ml



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

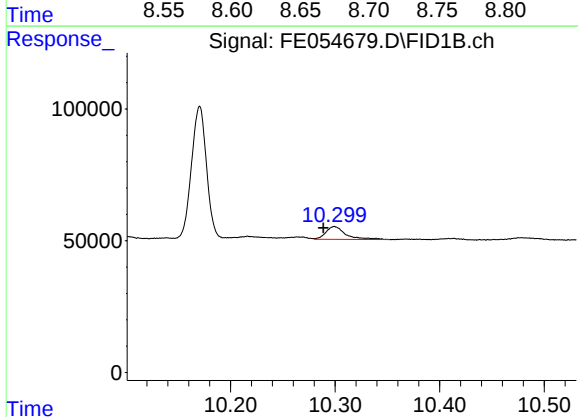
R.T.: 7.490 min
Delta R.T.: 0.009 min
Response: 2088384
Conc: 14.21 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX8



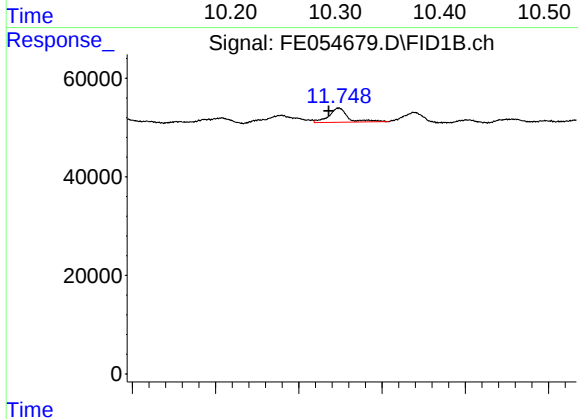
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: 0.008 min
Response: 131394
Conc: 0.95 ug/ml



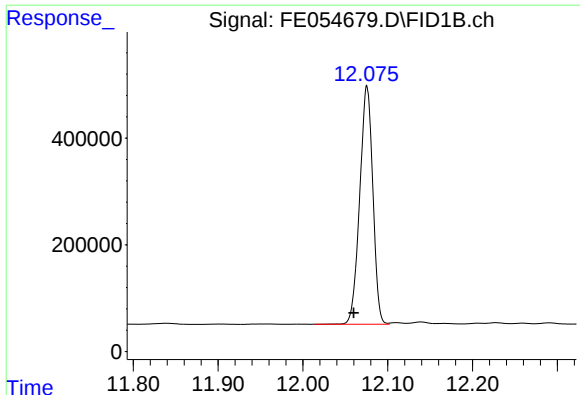
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.011 min
Response: 64543
Conc: 0.45 ug/ml



#8 n-Octadecane (C18)

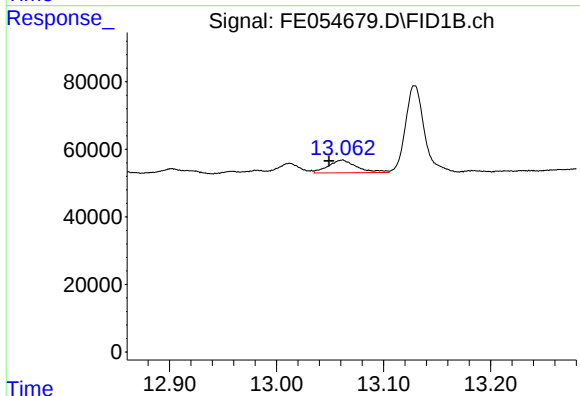
R.T.: 11.748 min
Delta R.T.: 0.012 min
Response: 45227
Conc: 0.31 ug/ml



#9 ortho-Terphenyl (SURR)

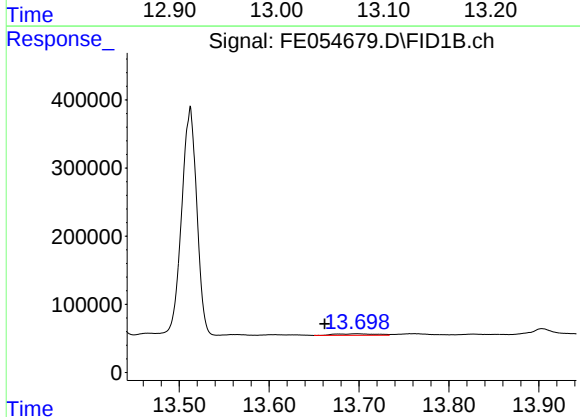
R.T.: 12.076 min
Delta R.T.: 0.016 min
Response: 4801239
Conc: 29.57 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX8



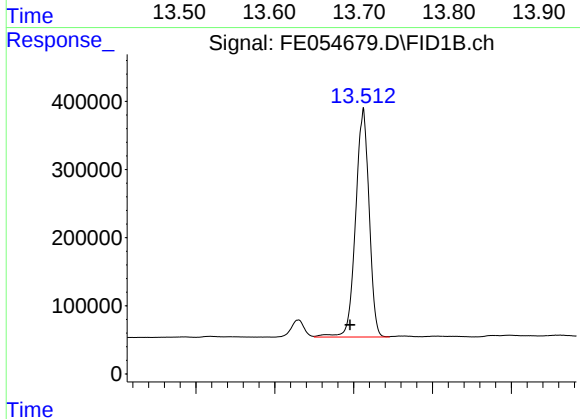
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.012 min
Response: 69885
Conc: 0.49 ug/ml



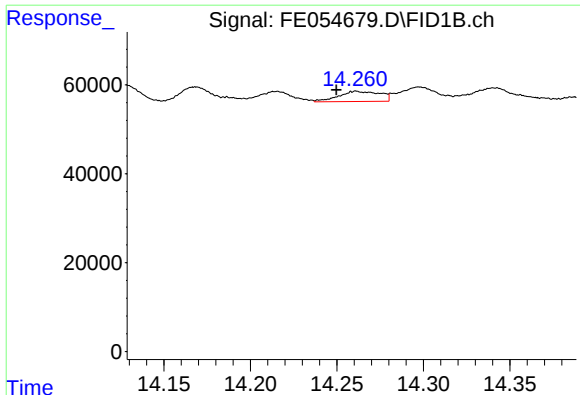
#11 n-Heneicosane (C21)

R.T.: 13.698 min
Delta R.T.: 0.036 min
Response: 72846
Conc: 0.51 ug/ml



#12 1-chlorooctadecane (SURR)

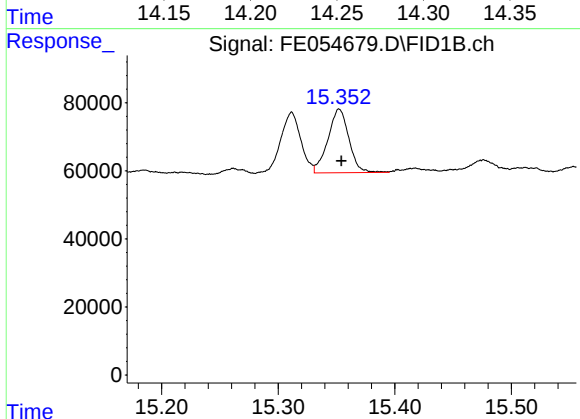
R.T.: 13.512 min
Delta R.T.: 0.016 min
Response: 3989935
Conc: 31.59 ug/ml



#13 n-Docosane (C22)

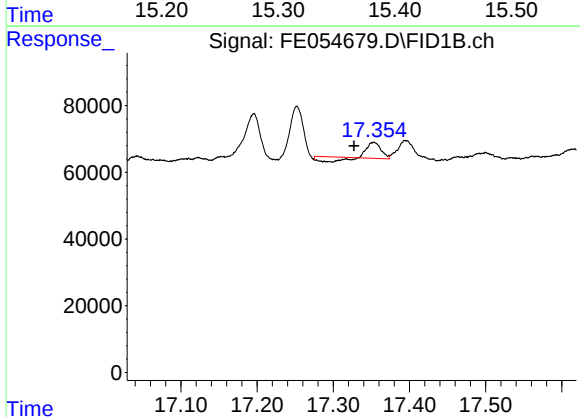
R.T.: 14.262 min
Delta R.T.: 0.012 min
Response: 38358
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
GPX8



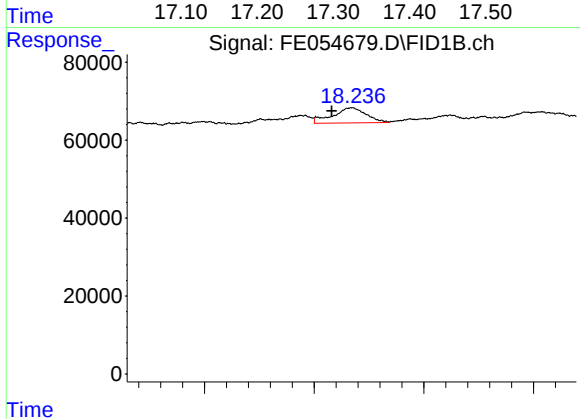
#14 n-Tetracosane (C24)

R.T.: 15.352 min
Delta R.T.: -0.002 min
Response: 233779
Conc: 1.61 ug/ml



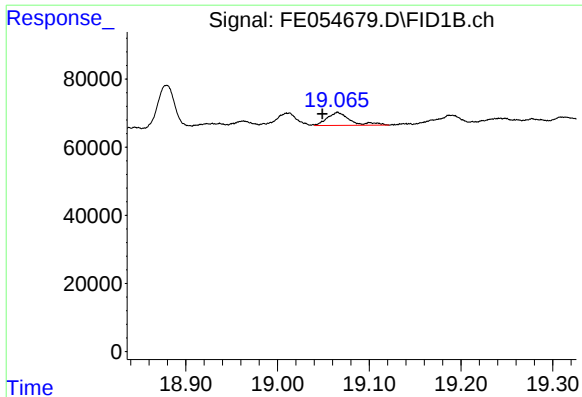
#16 n-Octacosane (C28)

R.T.: 17.353 min
Delta R.T.: 0.026 min
Response: 40778
Conc: 0.28 ug/ml



#17 n-Tricontane (C30)

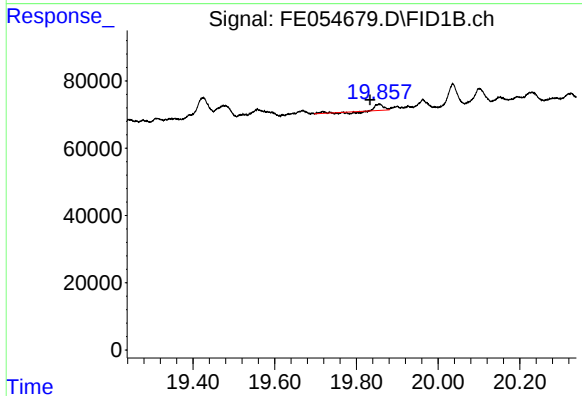
R.T.: 18.234 min
Delta R.T.: 0.018 min
Response: 82636
Conc: 0.52 ug/ml



#18 n-Dotriacontane (C32)

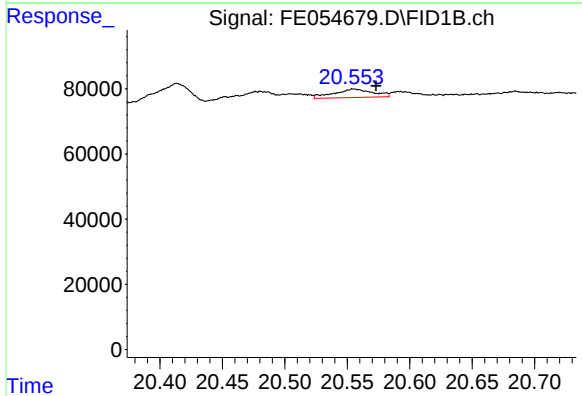
R.T.: 19.066 min
Delta R.T.: 0.017 min
Response: 66457
Conc: 0.41 ug/ml

Instrument :
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GPX8



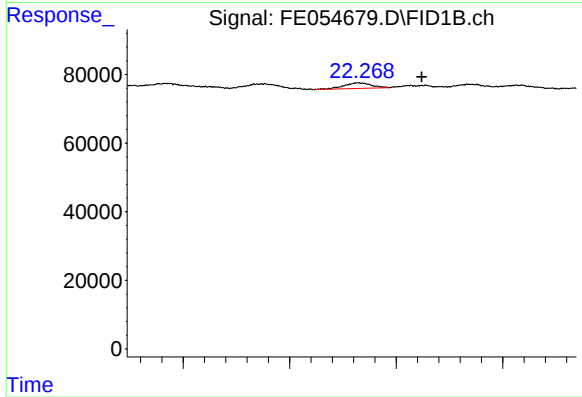
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.023 min
Response: 20822
Conc: 0.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.556 min
Delta R.T.: -0.018 min
Response: 56374
Conc: 0.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.265 min
Delta R.T.: -0.059 min
Response: 28997
Conc: 0.27 ug/ml