

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054791.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 20:56
 Operator : YP\AJ
 Sample : Q2546-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-02-7-9-2025

Integration File: autoint1.e
 Quant Time: Jul 11 06:30:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.082	3664101	22.563 ug/ml
Spiked Amount 50.000		Recovery =	45.13%
12) S 1-chlorooctadecane (S...	13.519	3395487	26.886 ug/ml
Spiked Amount 50.000		Recovery =	53.77%
Target Compounds			
2) T n-Decane (C10)	4.677	35993	0.264 ug/ml
3) T A~Naphthalene (C11.7)	6.398	68660	0.453 ug/ml
4) T n-Dodecane (C12)	6.853	119625	0.872 ug/ml
5) T A~2-methylnaphthalene...	7.499	89023	0.606 ug/ml
6) T n-Tetradecane (C14)	8.689	233369	1.683 ug/ml
7) T n-Hexadecane (C16)	10.306	226373	1.588 ug/ml
8) T n-Octadecane (C18)	11.754	171500	1.170 ug/ml
10) T n-Eicosane (C20)	13.069	257457	1.790 ug/ml
11) T n-Heneicosane (C21)	13.685	90261	0.632 ug/ml
13) T n-Docosane (C22)	14.273	142036	0.995 ug/ml
14) T n-Tetracosane (C24)	15.371	1186126	8.160 ug/ml
15) T n-Hexacosane (C26)	16.403	113385	0.784 ug/ml
16) T n-Octacosane (C28)	17.378	629029	4.316 ug/ml
17) T n-Tricontane (C30)	18.251	653719	4.148 ug/ml
18) T n-Dotriacontane (C32)	19.085	295069	1.824 ug/ml
19) T n-Tetratriacontane (C34)	19.869	370603	2.432 ug/ml
20) T n-Hexatriacontane (C36)	20.614	325664	2.422 ug/ml
21) T n-Octatriacontane (C38)	21.401	680118	5.799 ug/ml
22) T n-Tetracontane (C40)	22.392	301415	2.781 ug/ml

(f)=RT Delta > 1/2 Window

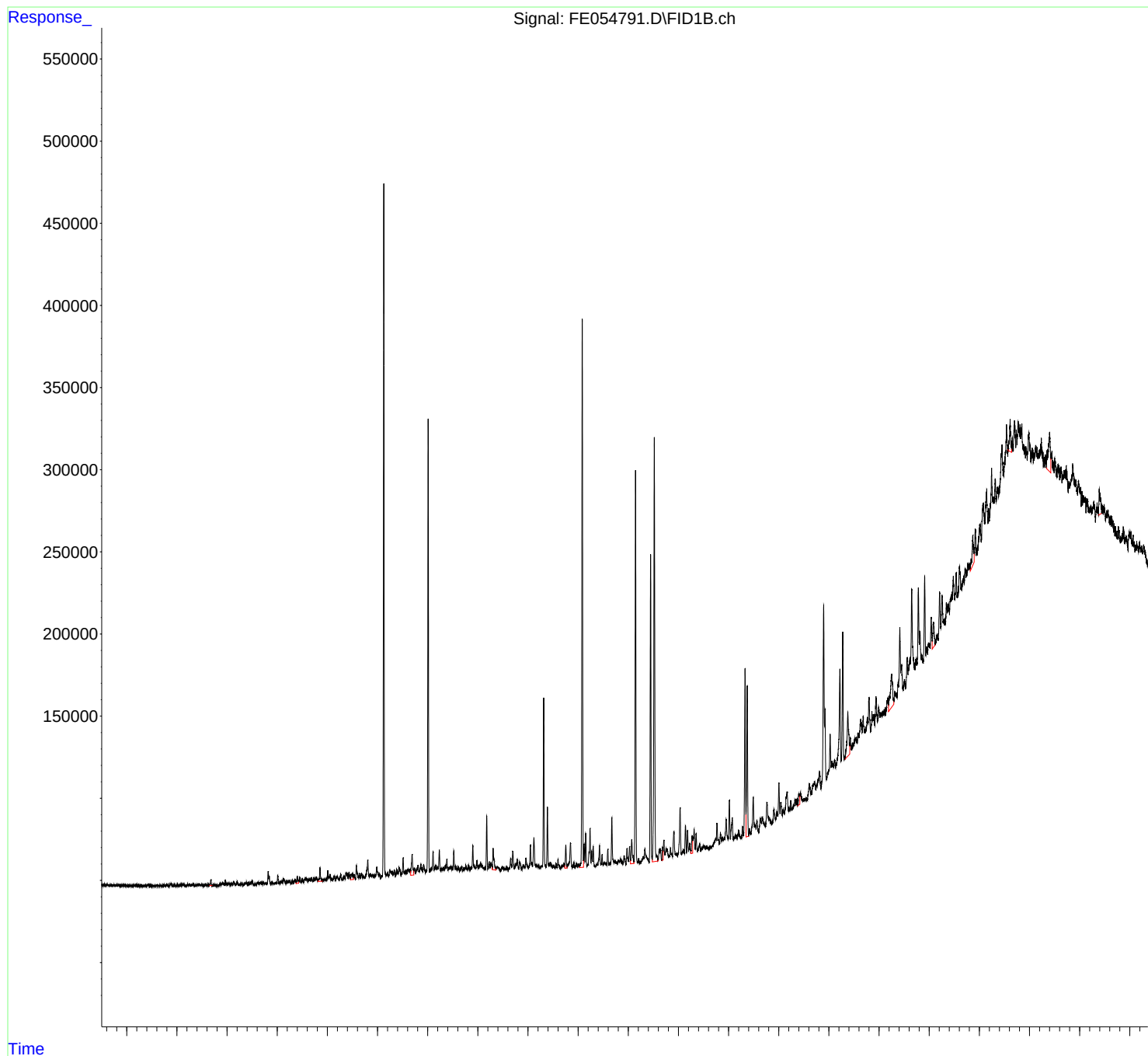
(m)=manual int.

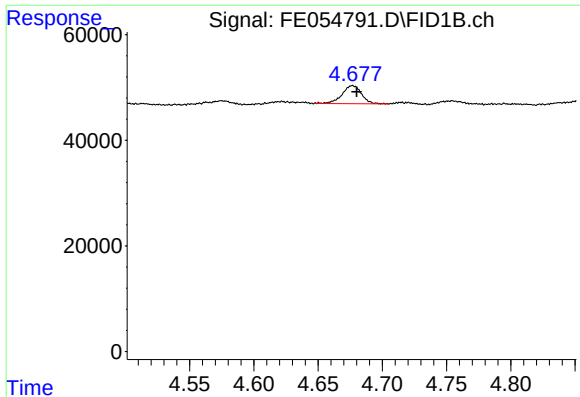
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
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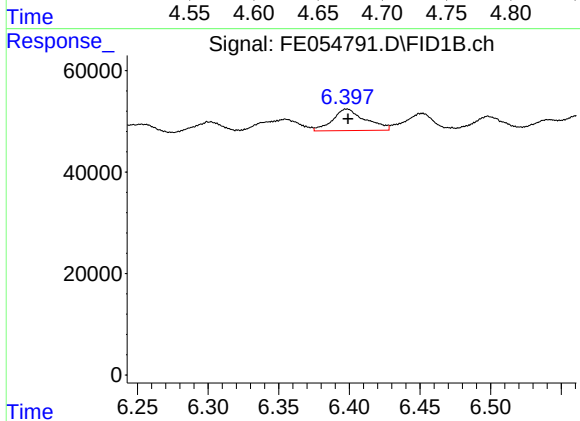




#2 n-Decane (C10)

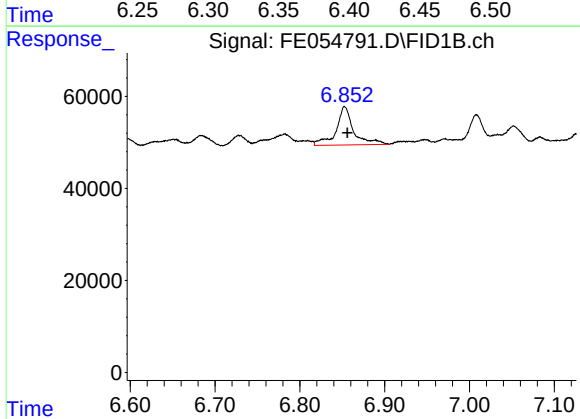
R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 35993
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-7-9-2025



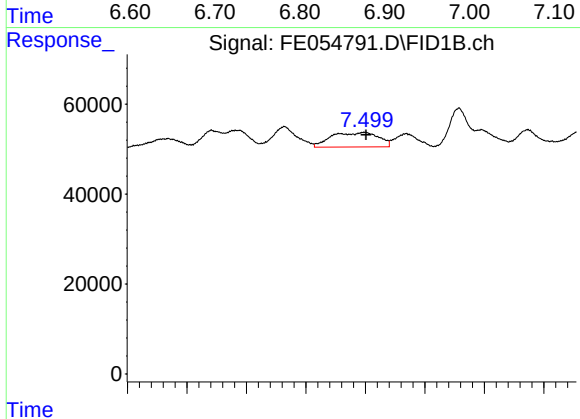
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 68660
Conc: 0.45 ug/ml



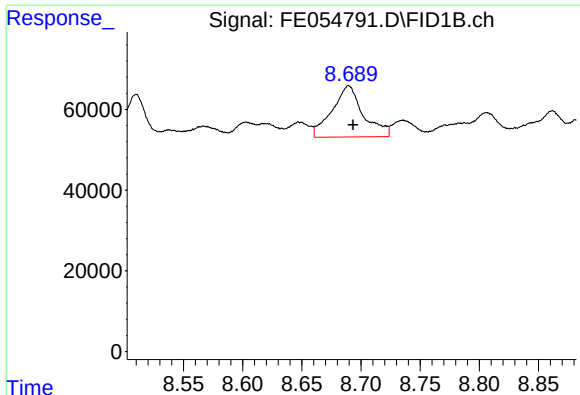
#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 119625
Conc: 0.87 ug/ml



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

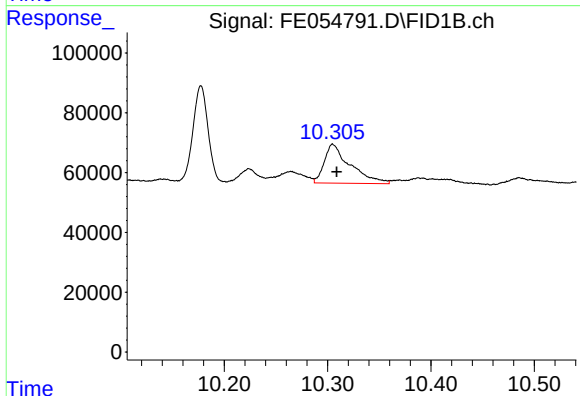
R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 89023
Conc: 0.61 ug/ml



#6 n-Tetradecane (C14)

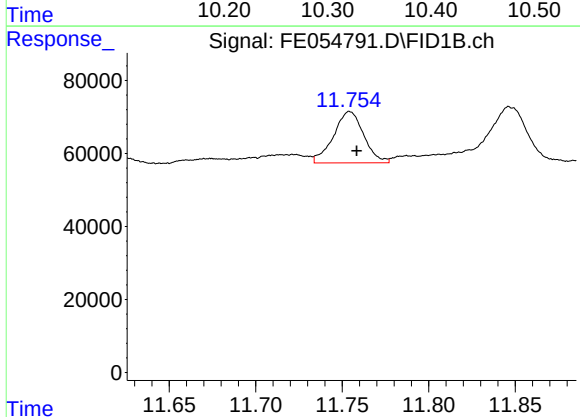
R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 233369
Conc: 1.68 ug/ml

Instrument :
FID_E
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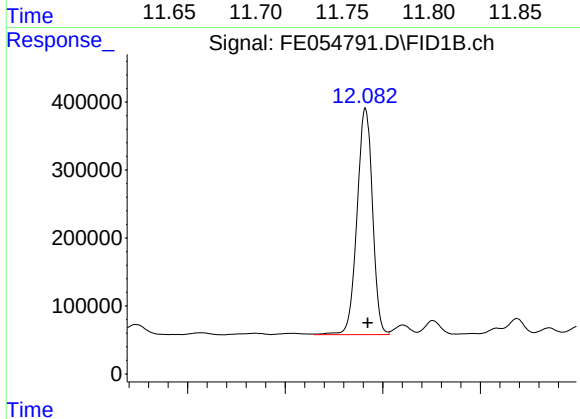
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 226373
Conc: 1.59 ug/ml



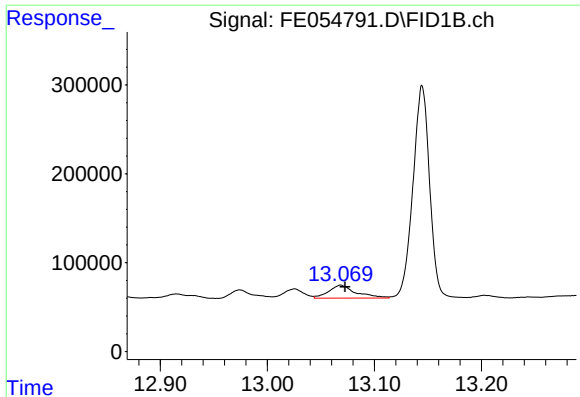
#8 n-Octadecane (C18)

R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 171500
Conc: 1.17 ug/ml



#9 ortho-Terphenyl (SURR)

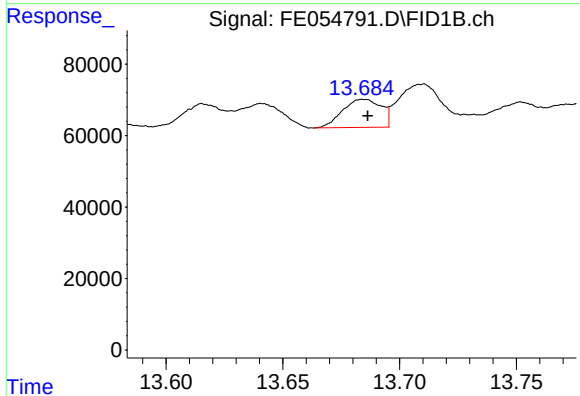
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 3664101
Conc: 22.56 ug/ml



#10 n-Eicosane (C20)

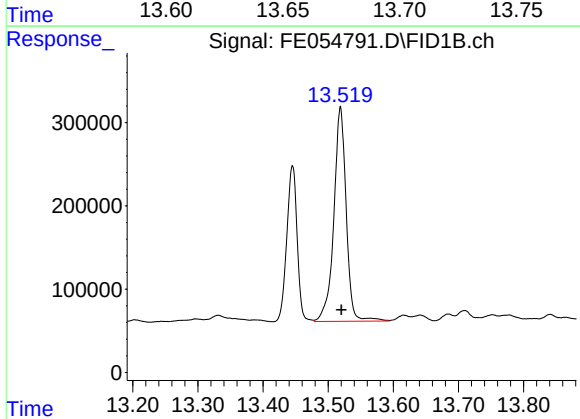
R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 257457
Conc: 1.79 ug/ml

Instrument :
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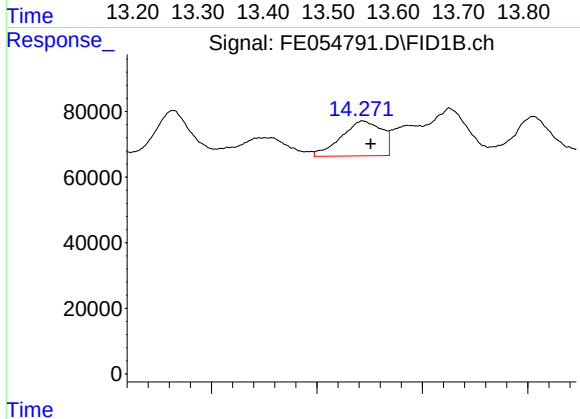
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 90261
Conc: 0.63 ug/ml



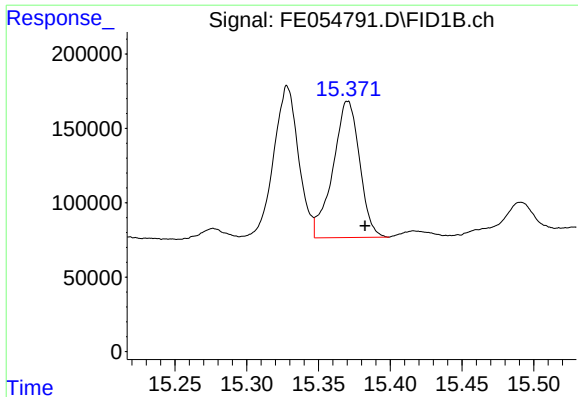
#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 3395487
Conc: 26.89 ug/ml



#13 n-Docosane (C22)

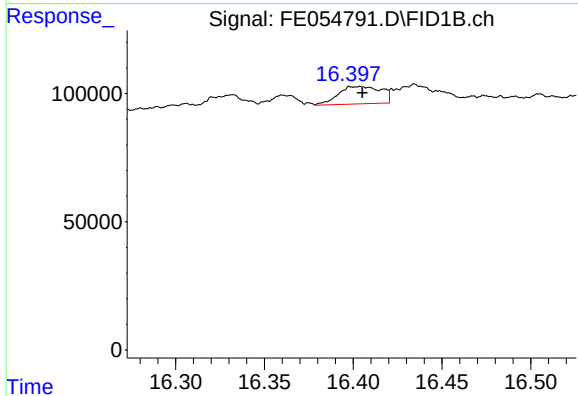
R.T.: 14.273 min
Delta R.T.: -0.003 min
Response: 142036
Conc: 0.99 ug/ml



#14 n-Tetracosane (C24)

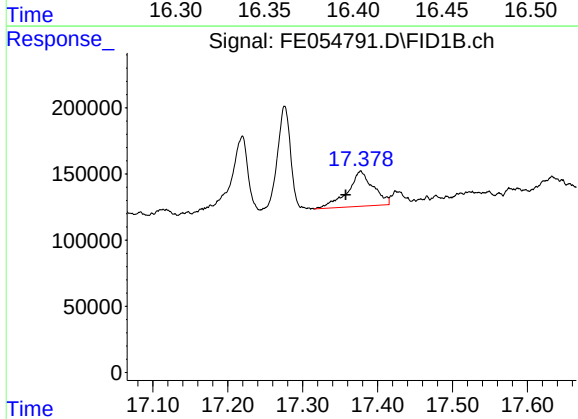
R.T.: 15.371 min
Delta R.T.: -0.012 min
Response: 1186126
Conc: 8.16 ug/ml

Instrument :
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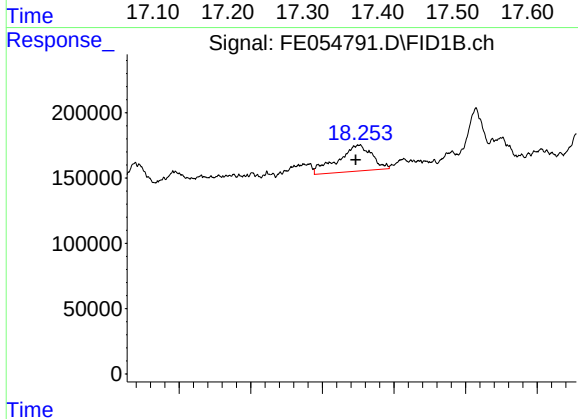
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 113385
Conc: 0.78 ug/ml



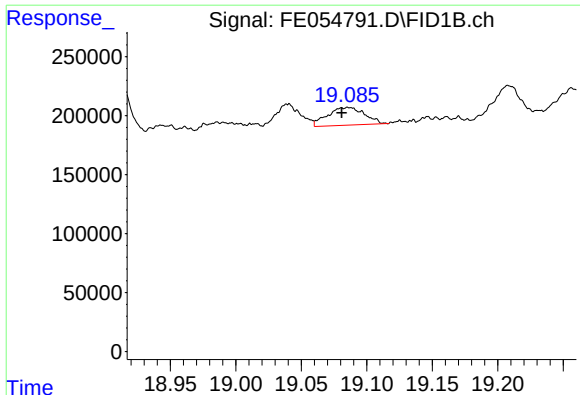
#16 n-Octacosane (C28)

R.T.: 17.378 min
Delta R.T.: 0.020 min
Response: 629029
Conc: 4.32 ug/ml



#17 n-Tricontane (C30)

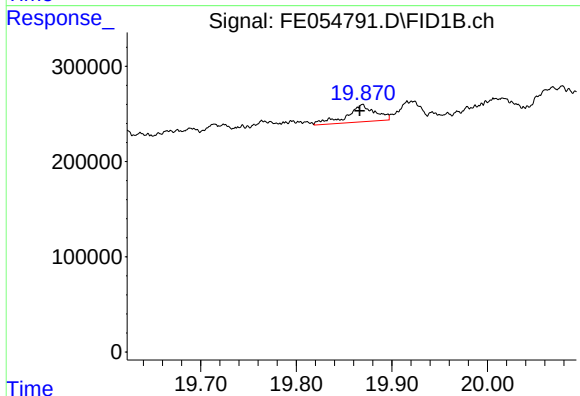
R.T.: 18.251 min
Delta R.T.: 0.004 min
Response: 653719
Conc: 4.15 ug/ml



#18 n-Dotriacontane (C32)

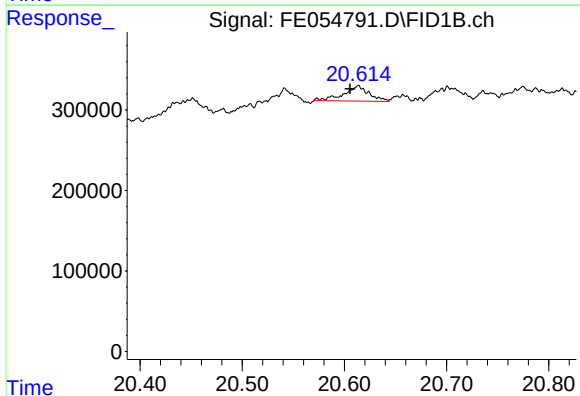
R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 295069
Conc: 1.82 ug/ml

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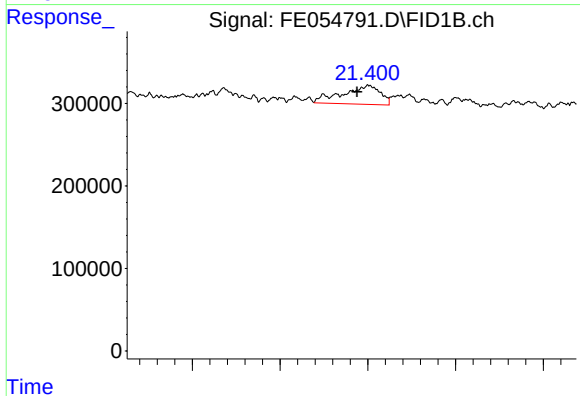
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.002 min
Response: 370603
Conc: 2.43 ug/ml



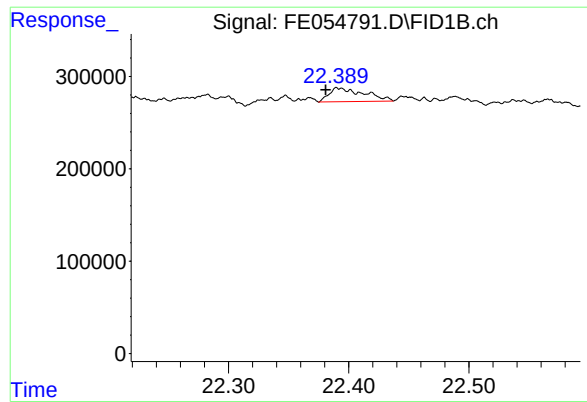
#20 n-Hexatriacontane (C36)

R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 325664
Conc: 2.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.401 min
Delta R.T.: 0.014 min
Response: 680118
Conc: 5.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 301415
Conc: 2.78 ug/ml

Instrument :
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