

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054717.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 22:06
 Operator : YP\AJ
 Sample : Q2507-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-04-07032025

Integration File: autoint1.e
 Quant Time: Jul 08 03:33:37 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)	12.082	5136363	31.629 ug/ml
Spiked Amount 50.000		Recovery =	63.26%
12) S 1-chlorooctadecane (S...	13.518	3519835	27.870 ug/ml
Spiked Amount 50.000		Recovery =	55.74%
Target Compounds			
2) T n-Decane (C10)	4.677	16776	0.123 ug/ml
3) T A~Naphthalene (C11.7)	6.397	83908	0.554 ug/ml
4) T n-Dodecane (C12)	6.852	325079	2.369 ug/ml
5) T A~2-methylnaphthalene...	7.502	418615	2.848 ug/ml
6) T n-Tetradecane (C14)	8.689	1464275	10.563 ug/ml
7) T n-Hexadecane (C16)	10.306	3269996	22.946 ug/ml
8) T n-Octadecane (C18)	11.756	4061809	27.715 ug/ml
10) T n-Eicosane (C20)	13.070	3023383	21.026 ug/ml
11) T n-Heneicosane (C21)	13.683	1936581	13.558 ug/ml
13) T n-Docosane (C22)	14.270	1240850	8.690 ug/ml
14) T n-Tetracosane (C24)	15.371	663925	4.567 ug/ml
15) T n-Hexacosane (C26)	16.358	25918	0.179 ug/ml
16) T n-Octacosane (C28)	17.352	290466	1.993 ug/ml
17) T n-Tricontane (C30)	18.243	462059	2.932 ug/ml
18) T n-Dotriacontane (C32)	19.077	549235	3.395 ug/ml
19) T n-Tetratriacontane (C34)	19.865	358303	2.351 ug/ml
20) T n-Hexatriacontane (C36)	20.606	732353	5.447 ug/ml
21) T n-Octatriacontane (C38)	21.330	34719	0.296 ug/ml
22) T n-Tetracontane (C40)	22.333	247823	2.287 ug/ml

(f)=RT Delta > 1/2 Window

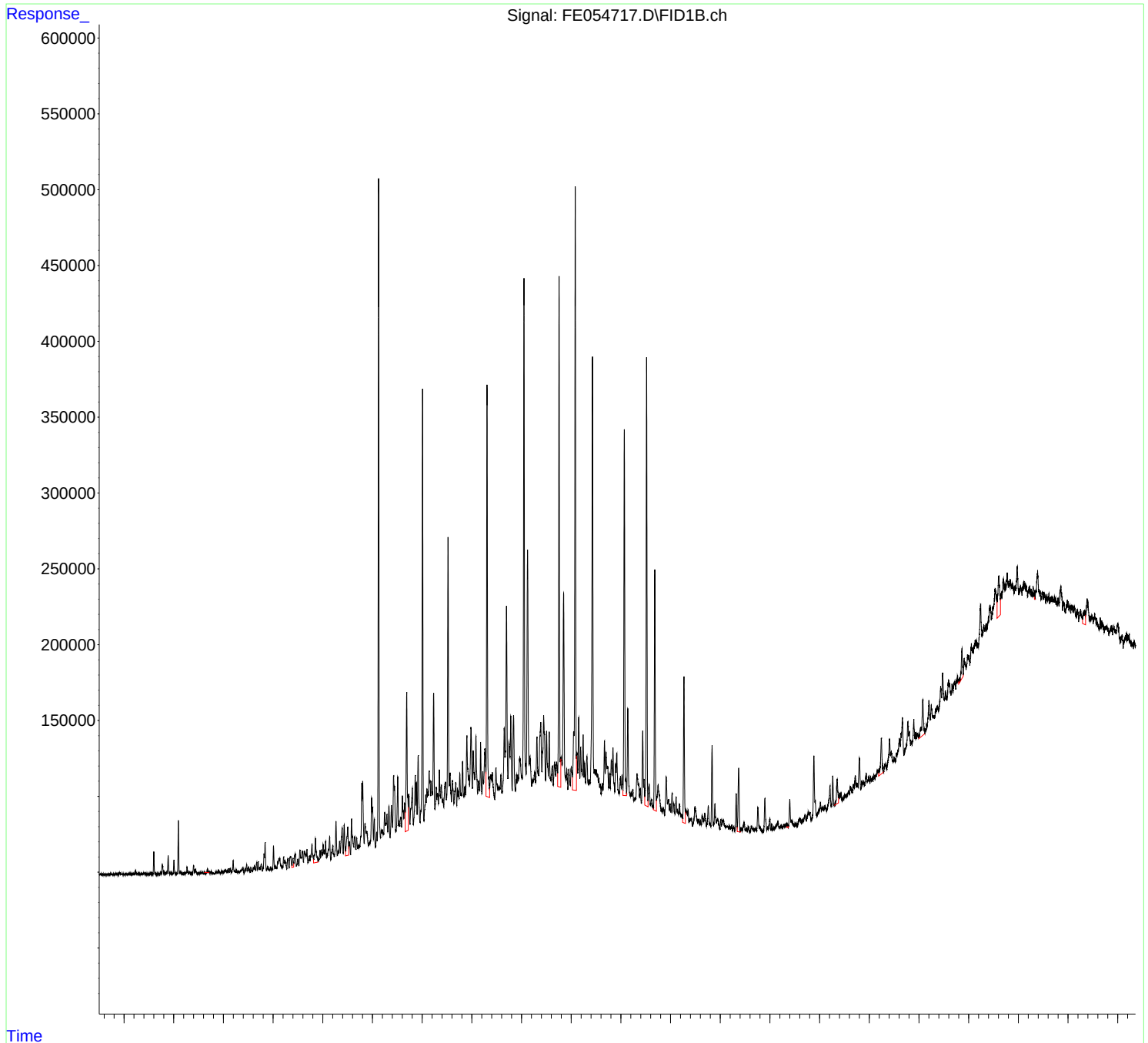
(m)=manual int.

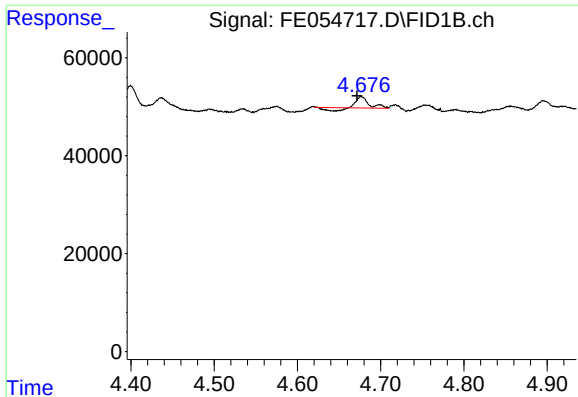
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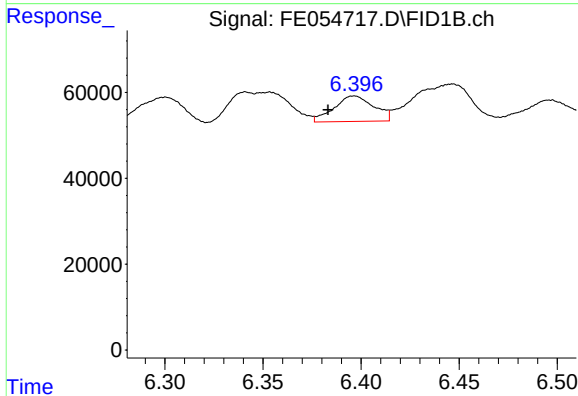




#2 n-Decane (C10)

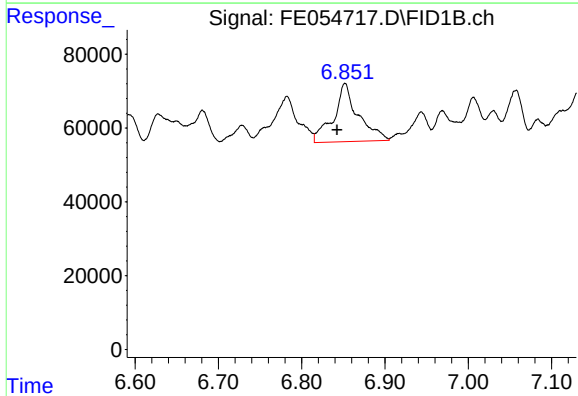
R.T.: 4.677 min
Delta R.T.: 0.005 min
Response: 16776
Conc: 0.12 ug/ml

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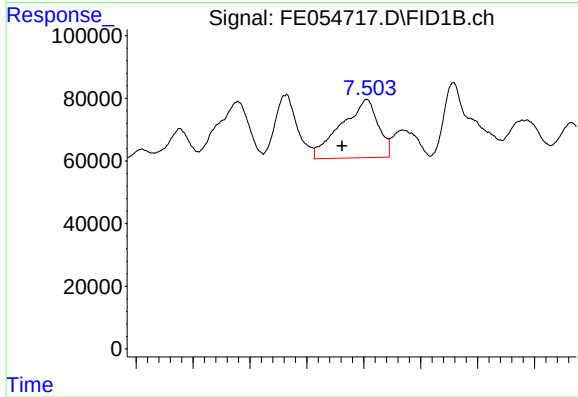
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: 0.013 min
Response: 83908
Conc: 0.55 ug/ml



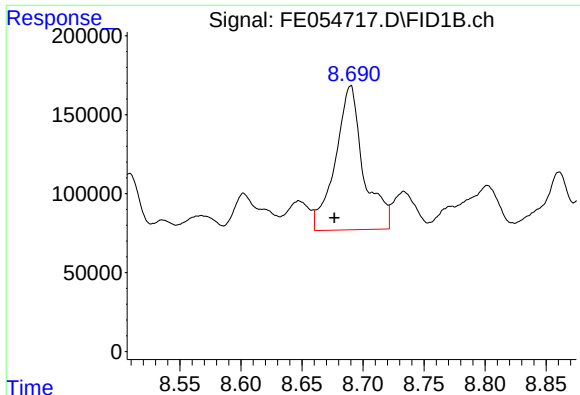
#4 n-Dodecane (C12)

R.T.: 6.852 min
Delta R.T.: 0.009 min
Response: 325079
Conc: 2.37 ug/ml



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

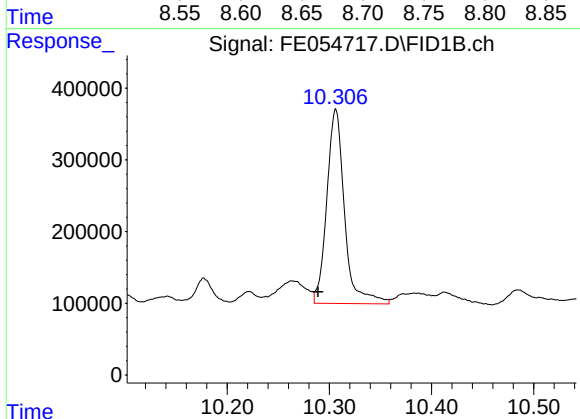
R.T.: 7.502 min
Delta R.T.: 0.021 min
Response: 418615
Conc: 2.85 ug/ml



#6 n-Tetradecane (C14)

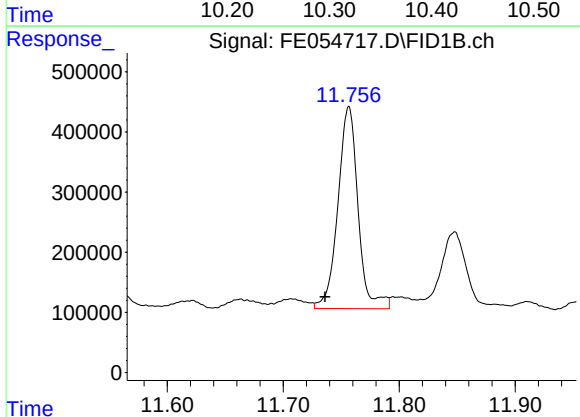
R.T.: 8.689 min
Delta R.T.: 0.013 min
Response: 1464275
Conc: 10.56 ug/ml

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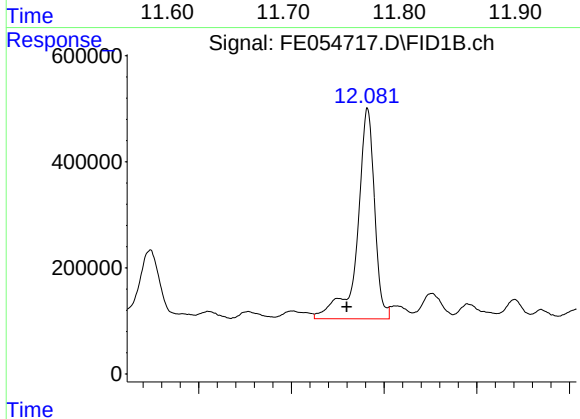
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: 0.017 min
Response: 3269996
Conc: 22.95 ug/ml



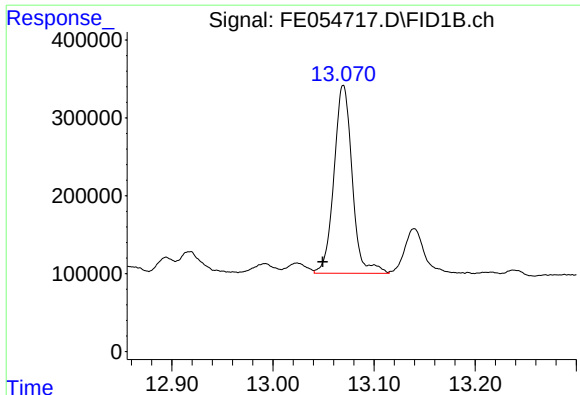
#8 n-Octadecane (C18)

R.T.: 11.756 min
Delta R.T.: 0.020 min
Response: 4061809
Conc: 27.72 ug/ml



#9 ortho-Terphenyl (SURR)

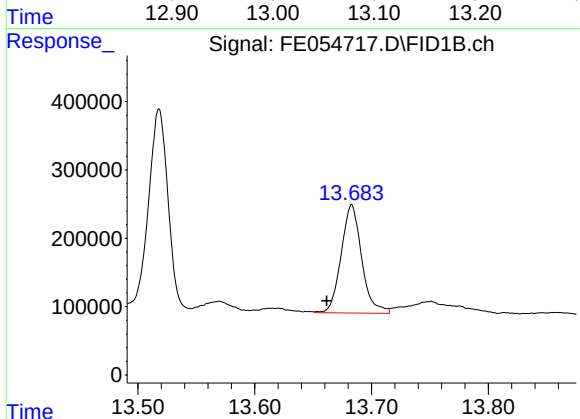
R.T.: 12.082 min
Delta R.T.: 0.022 min
Response: 5136363
Conc: 31.63 ug/ml



#10 n-Eicosane (C20)

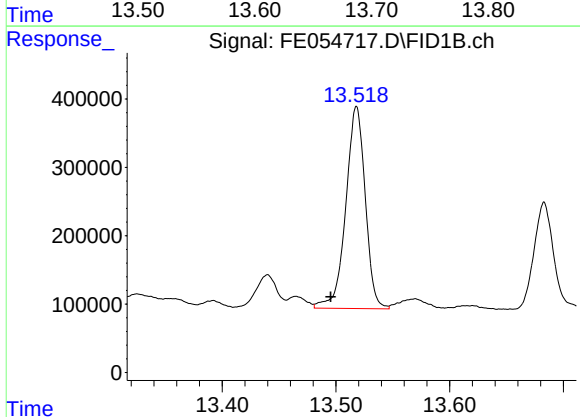
R.T.: 13.070 min
Delta R.T.: 0.021 min
Response: 3023383
Conc: 21.03 ug/ml

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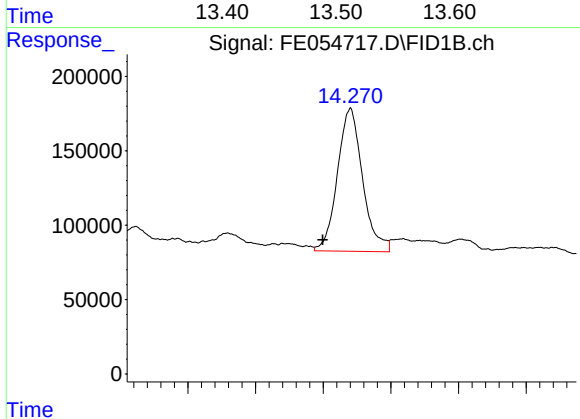
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: 0.021 min
Response: 1936581
Conc: 13.56 ug/ml



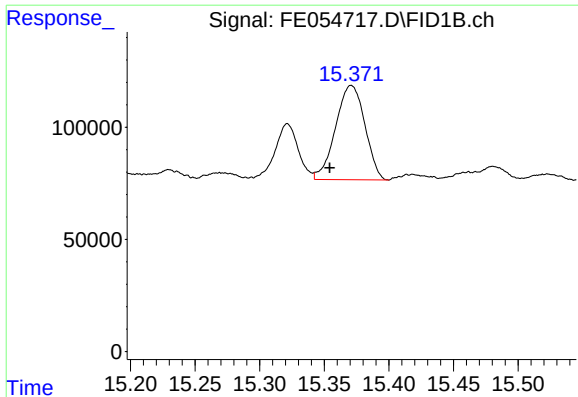
#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: 0.023 min
Response: 3519835
Conc: 27.87 ug/ml



#13 n-Docosane (C22)

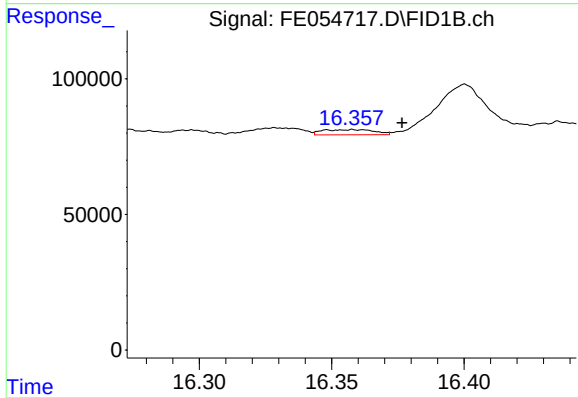
R.T.: 14.270 min
Delta R.T.: 0.020 min
Response: 1240850
Conc: 8.69 ug/ml



#14 n-Tetracosane (C24)

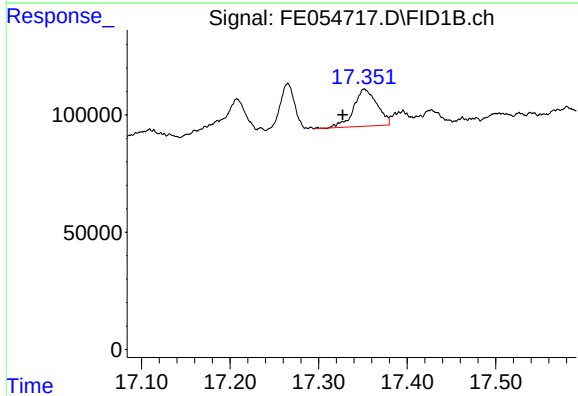
R.T.: 15.371 min
Delta R.T.: 0.017 min
Response: 663925
Conc: 4.57 ug/ml

Instrument :
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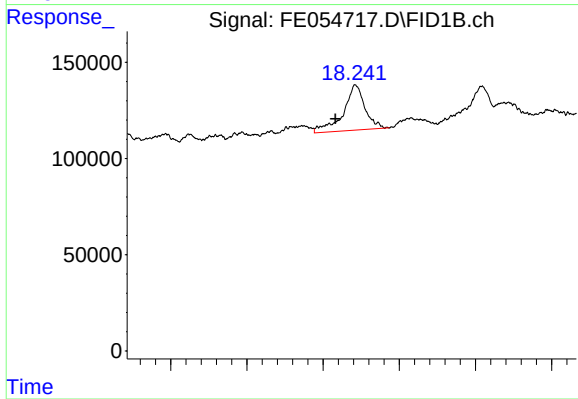
#15 n-Hexacosane (C26)

R.T.: 16.358 min
Delta R.T.: -0.018 min
Response: 25918
Conc: 0.18 ug/ml



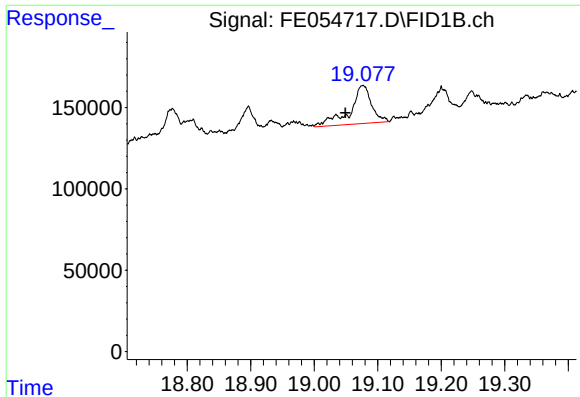
#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: 0.025 min
Response: 290466
Conc: 1.99 ug/ml



#17 n-Tricontane (C30)

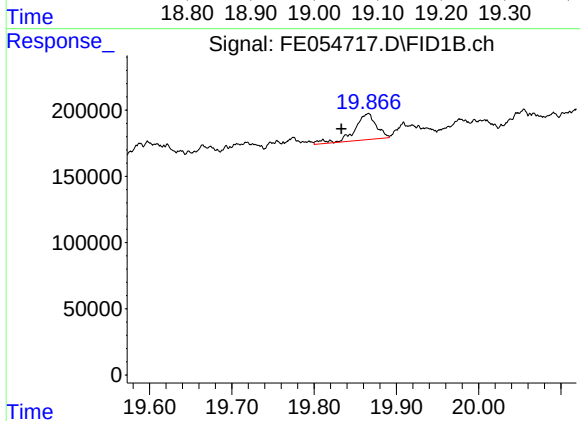
R.T.: 18.243 min
Delta R.T.: 0.027 min
Response: 462059
Conc: 2.93 ug/ml



#18 n-Dotriacontane (C32)

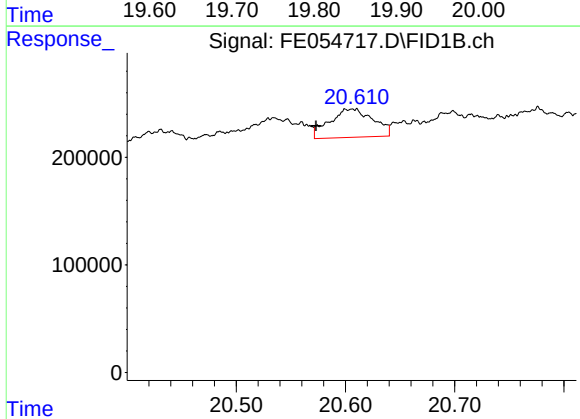
R.T.: 19.077 min
Delta R.T.: 0.028 min
Response: 549235
Conc: 3.39 ug/ml

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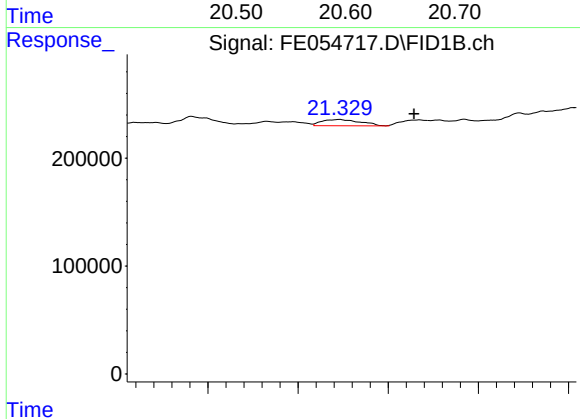
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.032 min
Response: 358303
Conc: 2.35 ug/ml



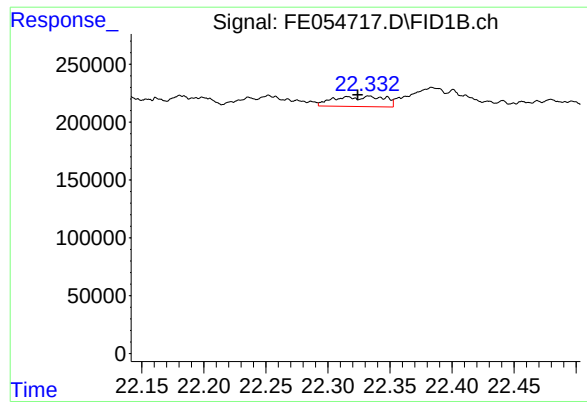
#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.033 min
Response: 732353
Conc: 5.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.330 min
Delta R.T.: -0.016 min
Response: 34719
Conc: 0.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.333 min
Delta R.T.: 0.010 min
Response: 247823
Conc: 2.29 ug/ml

Instrument :
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SU-04-07032025