

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042525AL\
 Data File : FE053536.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2025 20:31
 Operator : YP\AJ
 Sample : Q1878-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-4-042425-E2

Integration File: autoint1.e
 Quant Time: Apr 25 23:12:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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	5030511	27.891 ug/ml
Spiked Amount 50.000		Recovery =	55.78%
12) S 1-chlorooctadecane (S...	13.317	3968658	29.359 ug/ml
Spiked Amount 50.000		Recovery =	58.72%
Target Compounds			
4) T n-Dodecane (C12)	6.659	181041	1.291 ug/ml
5) T A~2-methylnaphthalene...	7.297	233266	1.562 ug/ml
6) T n-Tetradecane (C14)	8.495	633147	4.513 ug/ml
7) T n-Hexadecane (C16)	10.108	830019	5.791 ug/ml
8) T n-Octadecane (C18)	11.556	625638	4.293 ug/ml
10) T n-Eicosane (C20)	12.869	554379	3.810 ug/ml
11) T n-Heneicosane (C21)	13.483	312251	2.156 ug/ml
13) T n-Docosane (C22)	14.071	368540	2.554 ug/ml
14) T n-Tetracosane (C24)	15.176	256863	1.788 ug/ml
15) T n-Hexacosane (C26)	16.201	389003	2.747 ug/ml
16) T n-Octacosane (C28)	17.157	361075	2.595 ug/ml
17) T n-Tricontane (C30)	18.043	267315	1.920 ug/ml
18) T n-Dotriacontane (C32)	18.876	363957	2.651 ug/ml
19) T n-Tetratriacontane (C34)	19.669	318662	2.446 ug/ml
20) T n-Hexatriacontane (C36)	20.408	194532	1.541 ug/ml
21) T n-Octatriacontane (C38)	21.143	277501	2.278 ug/ml
22) T n-Tetracontane (C40)	22.049	245778	2.058 ug/ml

(f)=RT Delta > 1/2 Window

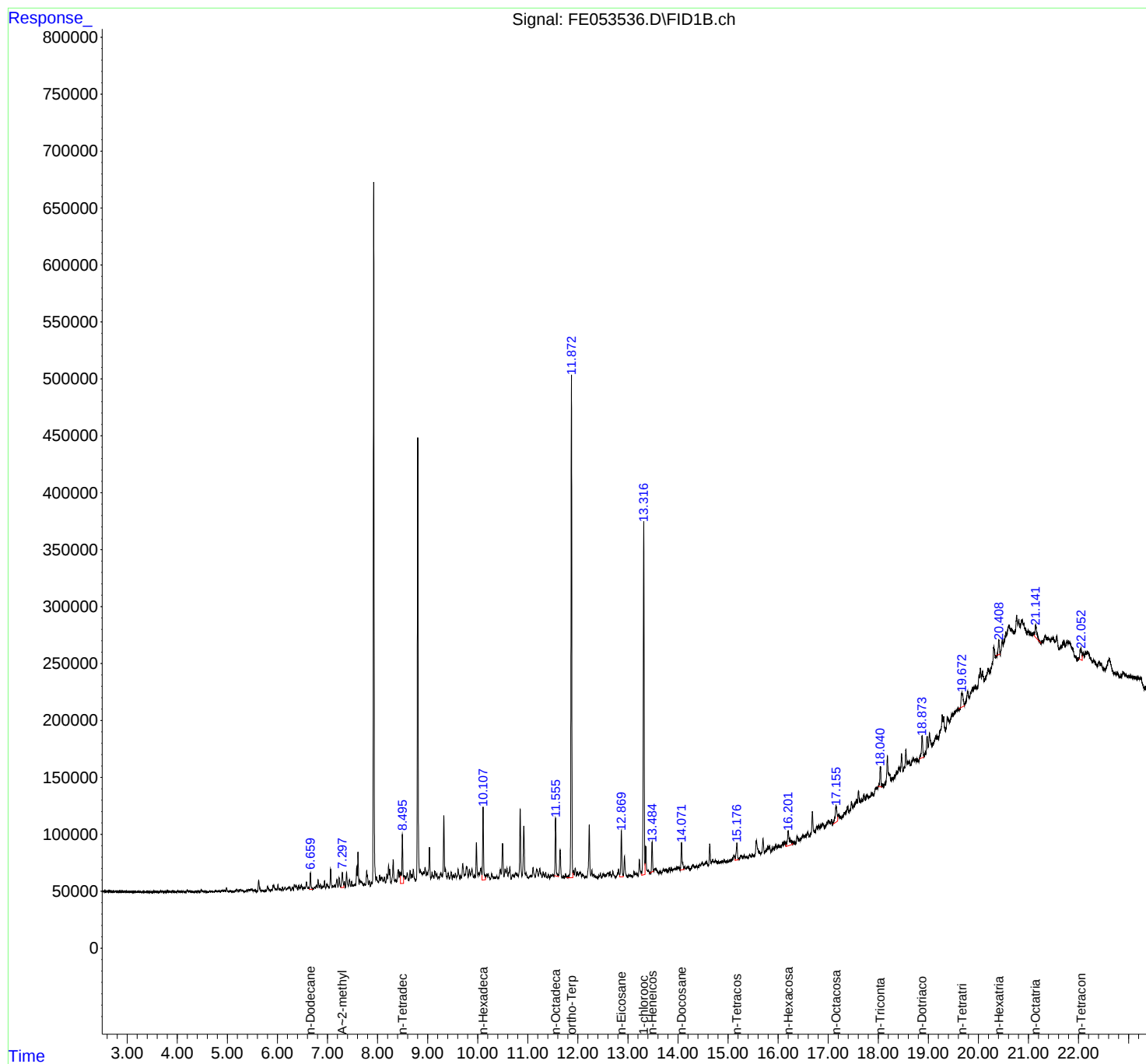
(m)=manual int.

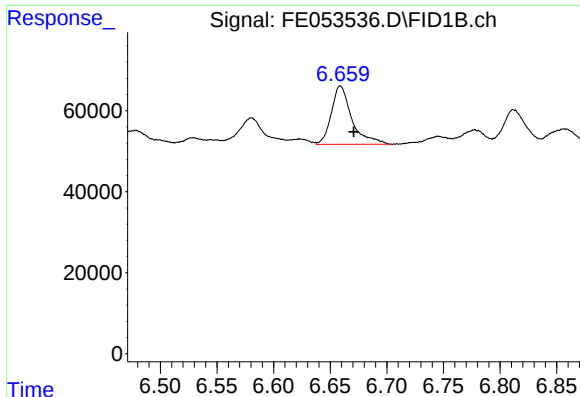
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042525AL\
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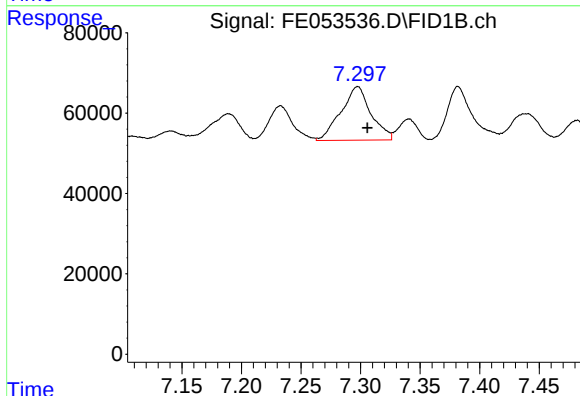




#4 n-Dodecane (C12)

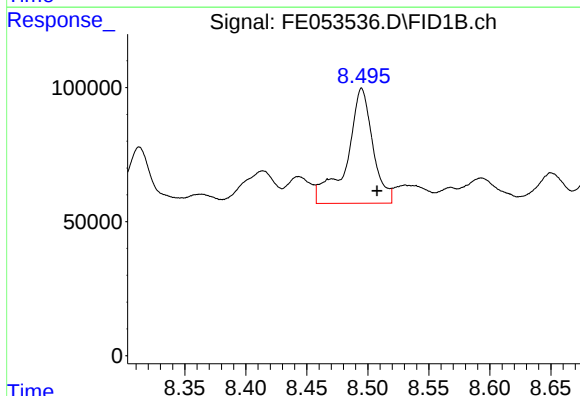
R.T.: 6.659 min
Delta R.T.: -0.012 min
Response: 181041
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-4-042425-E2



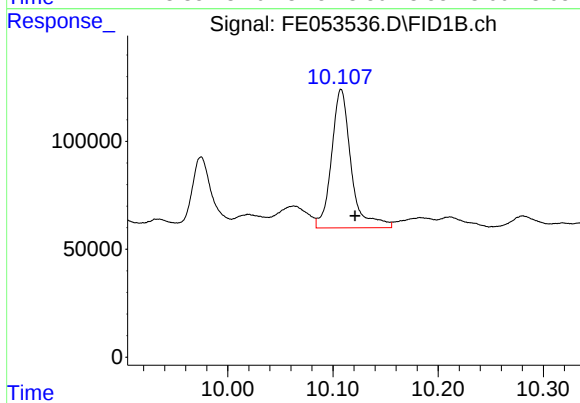
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.297 min
Delta R.T.: -0.008 min
Response: 233266
Conc: 1.56 ug/ml



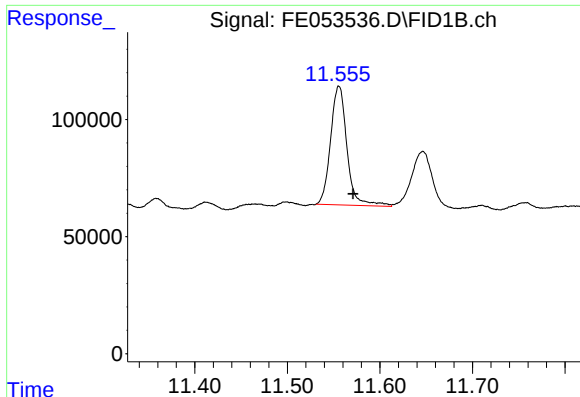
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.013 min
Response: 633147
Conc: 4.51 ug/ml



#7 n-Hexadecane (C16)

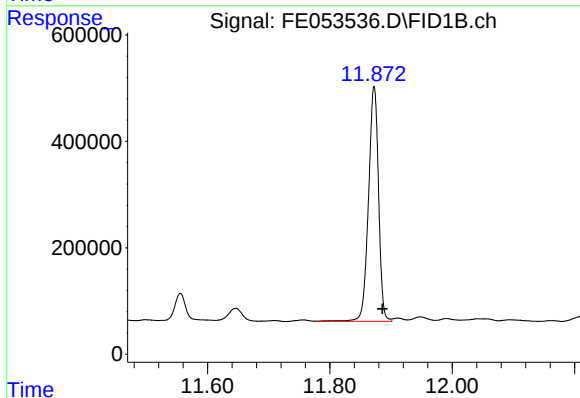
R.T.: 10.108 min
Delta R.T.: -0.013 min
Response: 830019
Conc: 5.79 ug/ml



#8 n-Octadecane (C18)

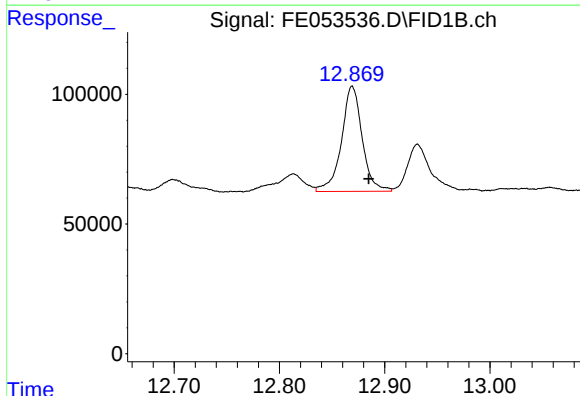
R.T.: 11.556 min
Delta R.T.: -0.015 min
Response: 625638
Conc: 4.29 ug/ml

Instrument :
FID_E
ClientSampleId :
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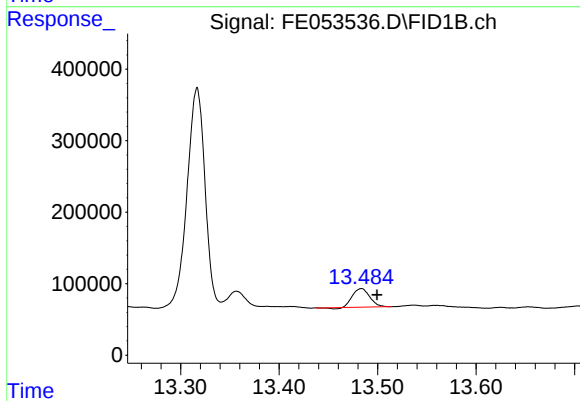
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: -0.014 min
Response: 5030511
Conc: 27.89 ug/ml



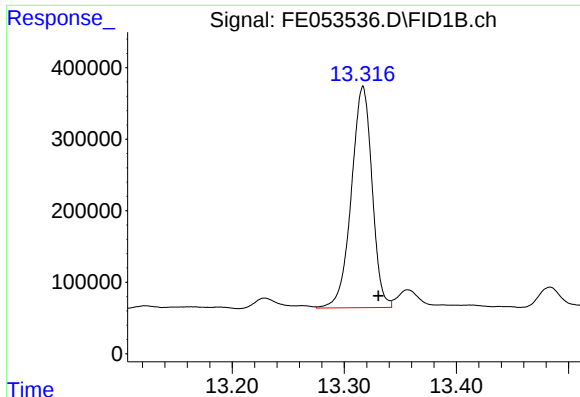
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.016 min
Response: 554379
Conc: 3.81 ug/ml



#11 n-Heneicosane (C21)

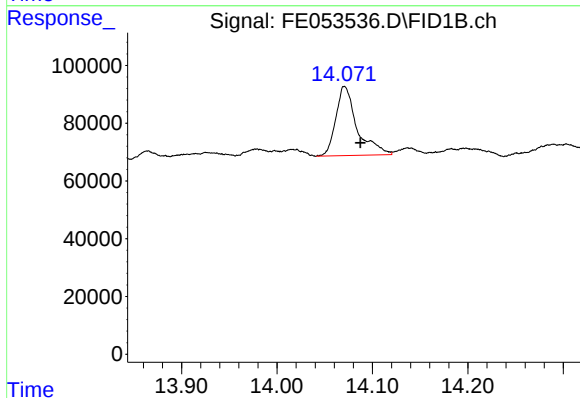
R.T.: 13.483 min
Delta R.T.: -0.016 min
Response: 312251
Conc: 2.16 ug/ml



#12 1-chlorooctadecane (SURR)

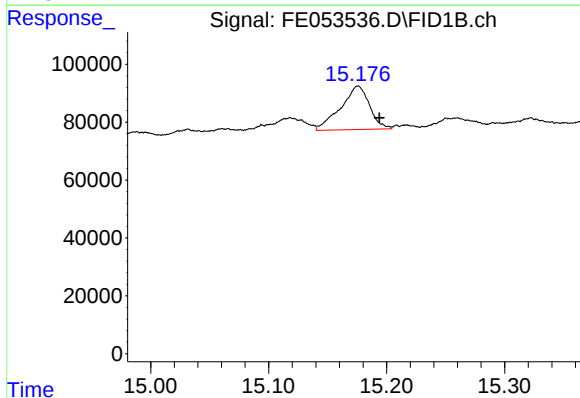
R.T.: 13.317 min
Delta R.T.: -0.014 min
Response: 3968658
Conc: 29.36 ug/ml

Instrument :
FID_E
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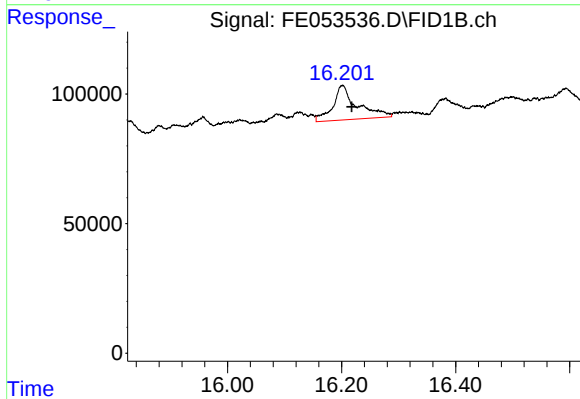
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: -0.016 min
Response: 368540
Conc: 2.55 ug/ml



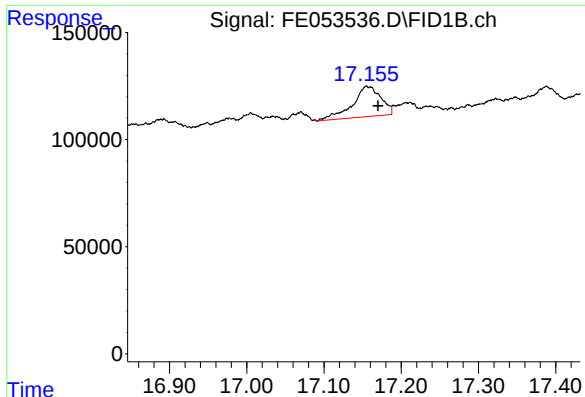
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.018 min
Response: 256863
Conc: 1.79 ug/ml



#15 n-Hexacosane (C26)

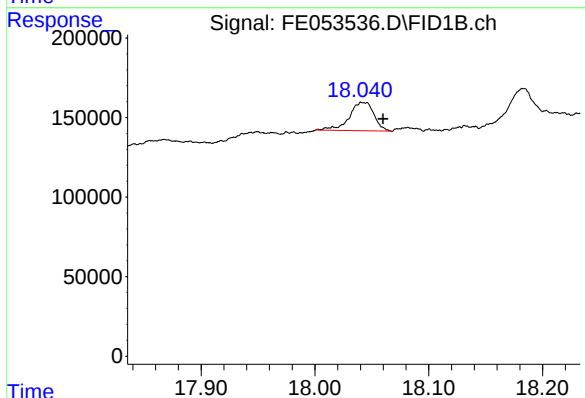
R.T.: 16.201 min
Delta R.T.: -0.016 min
Response: 389003
Conc: 2.75 ug/ml



#16 n-Octacosane (C28)

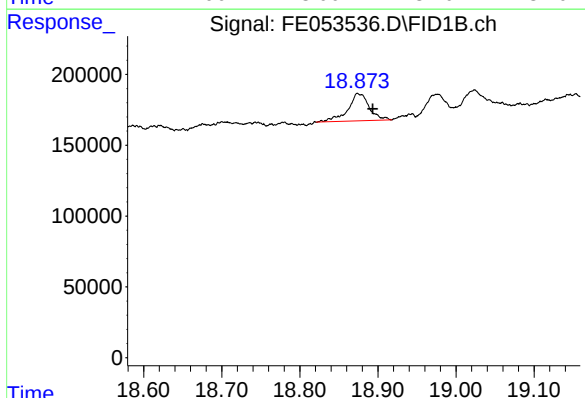
R.T.: 17.157 min
Delta R.T.: -0.013 min
Response: 361075
Conc: 2.60 ug/ml

Instrument :
FID_E
ClientSampleId :
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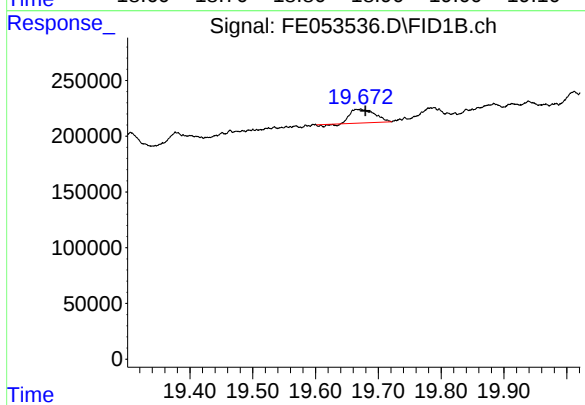
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.017 min
Response: 267315
Conc: 1.92 ug/ml



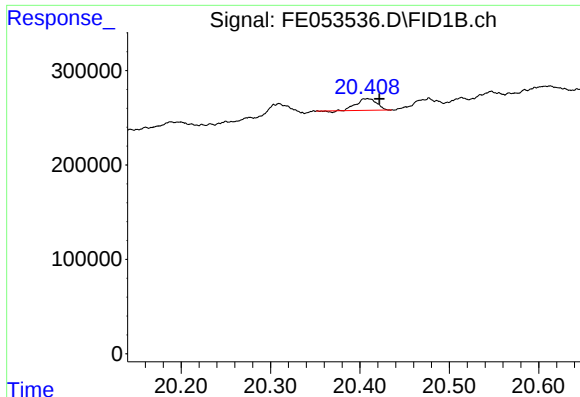
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.018 min
Response: 363957
Conc: 2.65 ug/ml



#19 n-Tetratriacontane (C34)

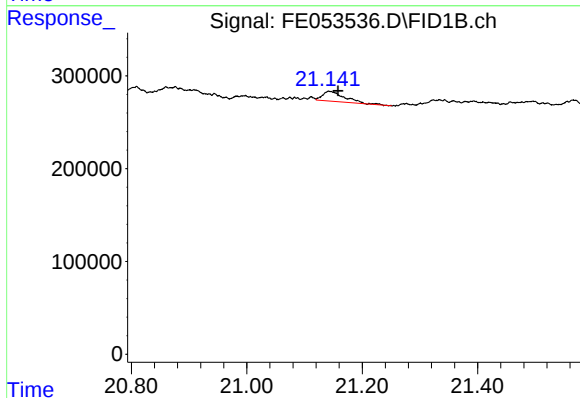
R.T.: 19.669 min
Delta R.T.: -0.010 min
Response: 318662
Conc: 2.45 ug/ml



#20 n-Hexatriacontane (C36)

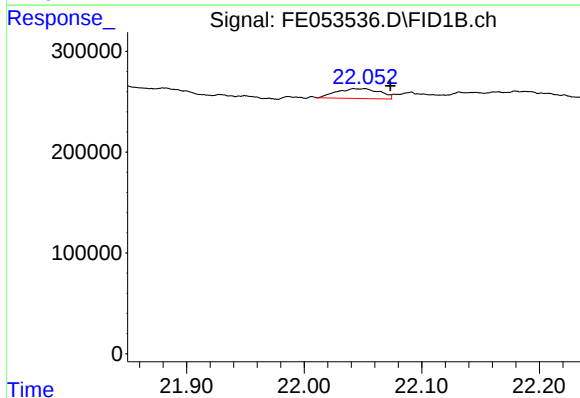
R.T.: 20.408 min
Delta R.T.: -0.014 min
Response: 194532
Conc: 1.54 ug/ml

Instrument :
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#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: -0.015 min
Response: 277501
Conc: 2.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: -0.024 min
Response: 245778
Conc: 2.06 ug/ml