

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054773.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 09:03
 Operator : YP\AJ
 Sample : Q2526-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0102

Integration File: autoint1.e
 Quant Time: Jul 11 05:13:43 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)	12.086	10451129	64.357 ug/ml
Spiked Amount 50.000		Recovery =	128.71%
12) S 1-chlorooctadecane (S...	13.531	6269732	49.644 ug/ml
Spiked Amount 50.000		Recovery =	99.29%
Target Compounds			
2) T n-Decane (C10)	4.696	96994	0.711 ug/ml
3) T A~Naphthalene (C11.7)	6.429	34590	0.228 ug/ml
6) T n-Tetradecane (C14)	8.689	66546	0.480 ug/ml
7) T n-Hexadecane (C16)	10.305	96684	0.678 ug/ml
8) T n-Octadecane (C18)	11.761	2253100	15.374 ug/ml
10) T n-Eicosane (C20)	13.079	2242450	15.595 ug/ml
11) T n-Heneicosane (C21)	13.669	2185315	15.300 ug/ml
13) T n-Docosane (C22)	14.251	1145004	8.019 ug/ml
14) T n-Tetracosane (C24)	15.374	77016	0.530 ug/ml
15) T n-Hexacosane (C26)	16.396	76353	0.528 ug/ml
16) T n-Octacosane (C28)	17.349	122082	0.838 ug/ml
17) T n-Tricontane (C30)	18.239	183526	1.165 ug/ml
18) T n-Dotriacontane (C32)	19.070	892325	5.515 ug/ml
19) T n-Tetratriacontane (C34)	19.858	1153334	7.568 ug/ml
20) T n-Hexatriacontane (C36)	20.598	297279	2.211 ug/ml
21) T n-Octatriacontane (C38)	21.375	221859	1.892 ug/ml
22) T n-Tetracontane (C40)	22.368	104651	0.966 ug/ml

(f)=RT Delta > 1/2 Window

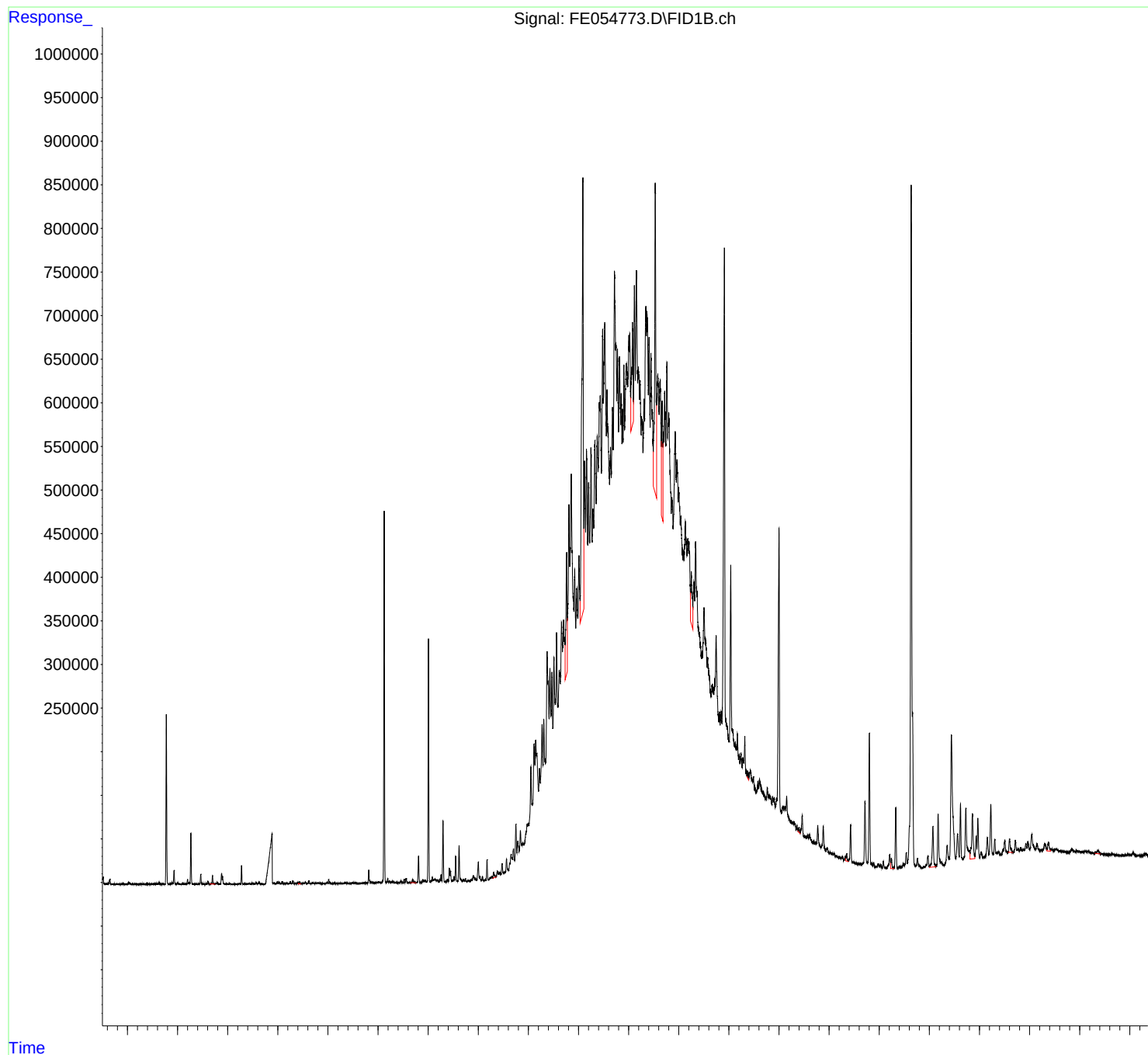
(m)=manual int.

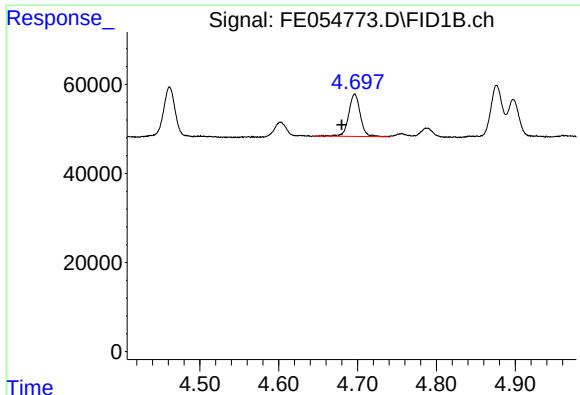
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
Data File : FE054773.D
Signal(s) : FID1B.ch
Acq On : 10 Jul 2025 09:03
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

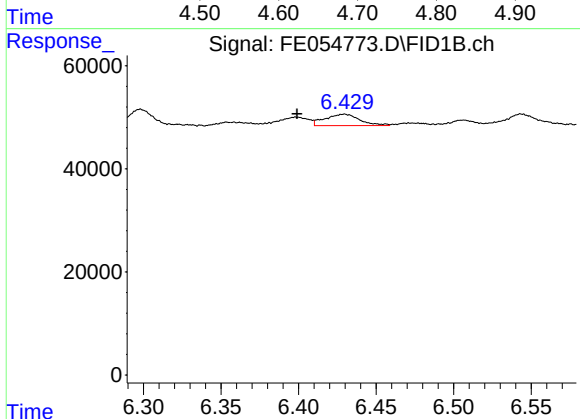




#2 n-Decane (C10)

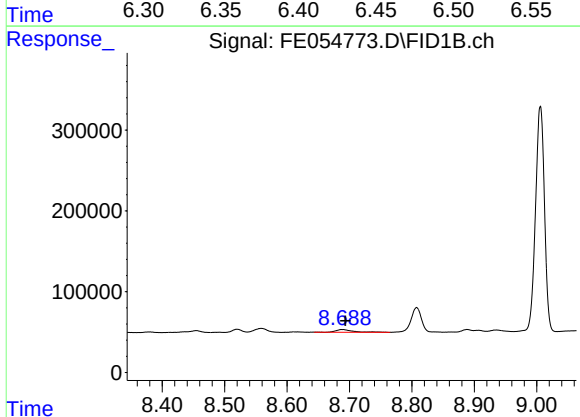
R.T.: 4.696 min
Delta R.T.: 0.016 min
Response: 96994
Conc: 0.71 ug/ml

Instrument :
FID_E
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LAW-25-0102



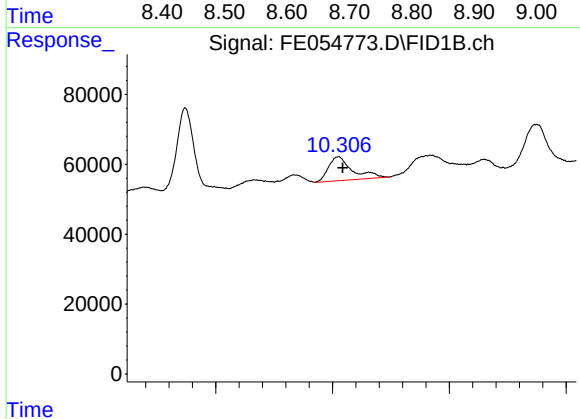
#3 A~Naphthalene (C11.7)

R.T.: 6.429 min
Delta R.T.: 0.030 min
Response: 34590
Conc: 0.23 ug/ml



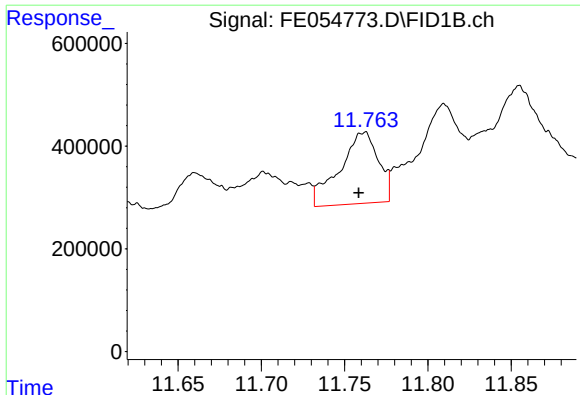
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 66546
Conc: 0.48 ug/ml



#7 n-Hexadecane (C16)

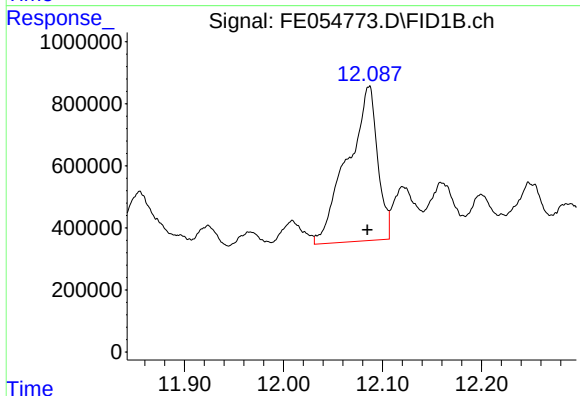
R.T.: 10.305 min
Delta R.T.: -0.004 min
Response: 96684
Conc: 0.68 ug/ml



#8 n-Octadecane (C18)

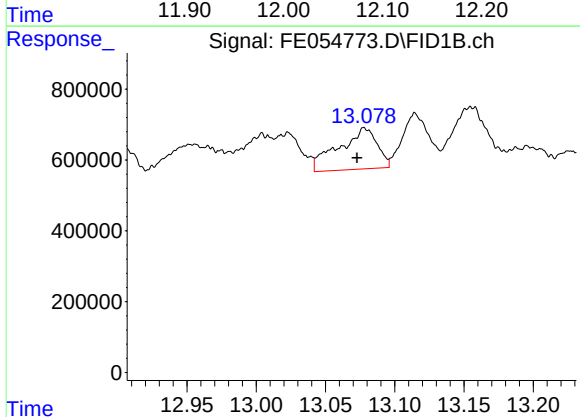
R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 2253100
Conc: 15.37 ug/ml

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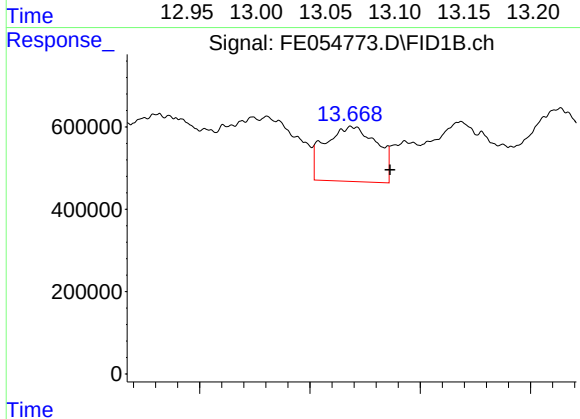
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 10451129
Conc: 64.36 ug/ml



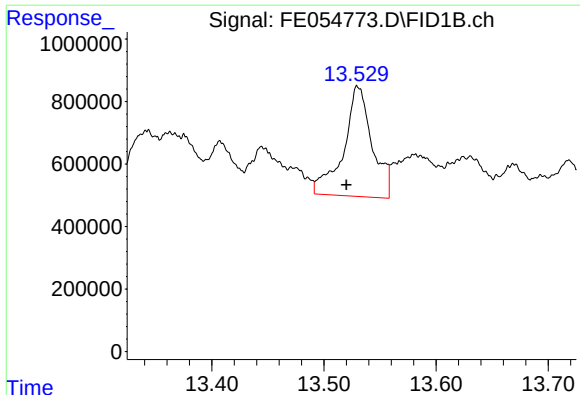
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 2242450
Conc: 15.59 ug/ml



#11 n-Heneicosane (C21)

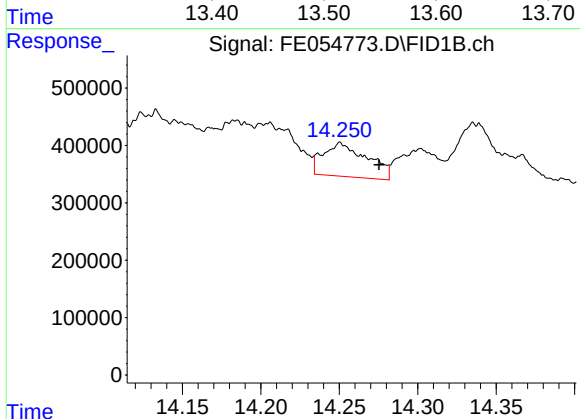
R.T.: 13.669 min
Delta R.T.: -0.017 min
Response: 2185315
Conc: 15.30 ug/ml



#12 1-chlorooctadecane (SURR)

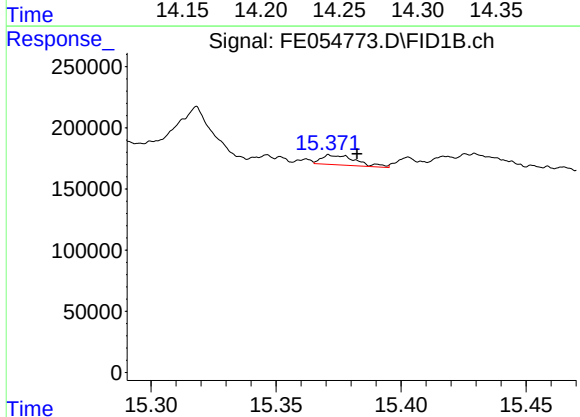
R.T.: 13.531 min
Delta R.T.: 0.011 min
Response: 6269732
Conc: 49.64 ug/ml

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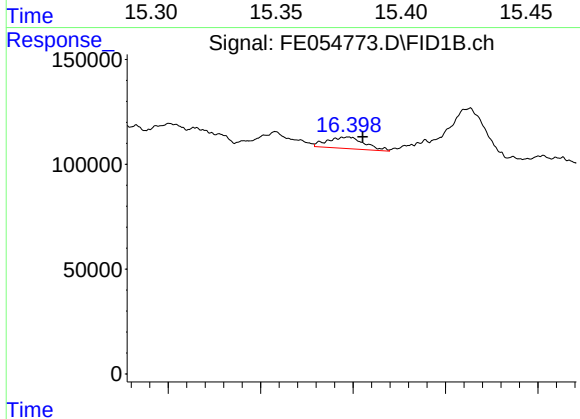
#13 n-Docosane (C22)

R.T.: 14.251 min
Delta R.T.: -0.025 min
Response: 1145004
Conc: 8.02 ug/ml



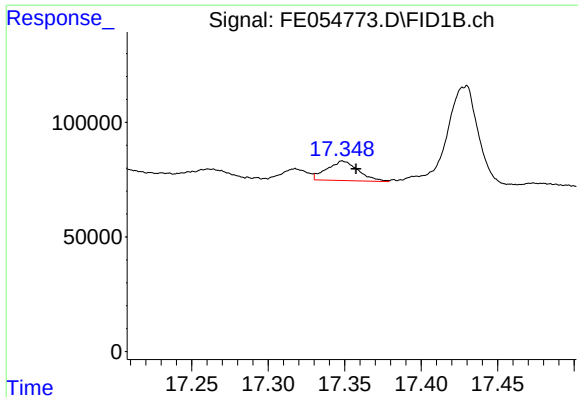
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.009 min
Response: 77016
Conc: 0.53 ug/ml



#15 n-Hexacosane (C26)

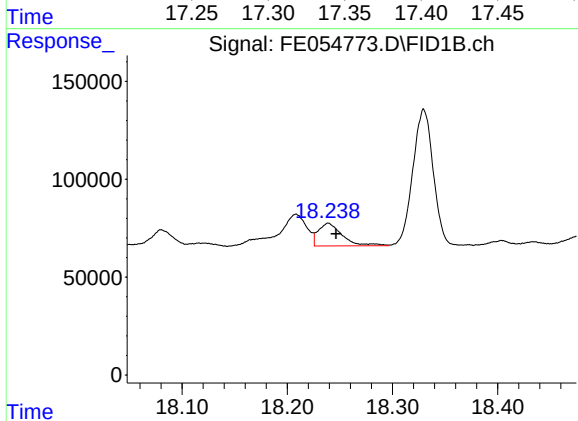
R.T.: 16.396 min
Delta R.T.: -0.009 min
Response: 76353
Conc: 0.53 ug/ml



#16 n-Octacosane (C28)

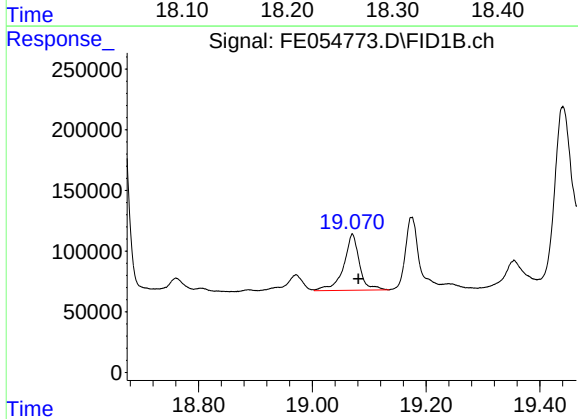
R.T.: 17.349 min
Delta R.T.: -0.008 min
Response: 122082
Conc: 0.84 ug/ml

Instrument :
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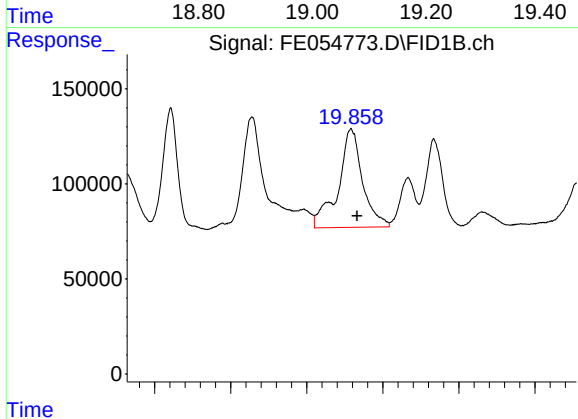
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: -0.007 min
Response: 183526
Conc: 1.16 ug/ml



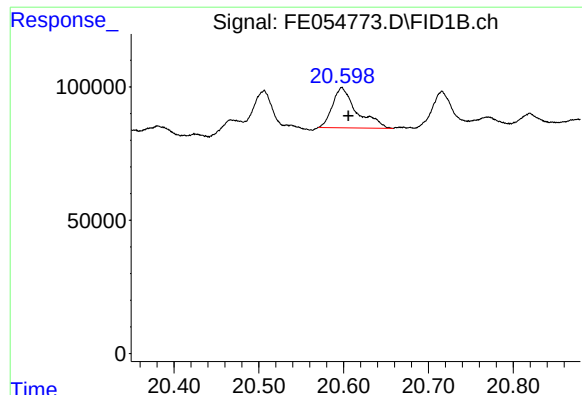
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.010 min
Response: 892325
Conc: 5.52 ug/ml



#19 n-Tetratriacontane (C34)

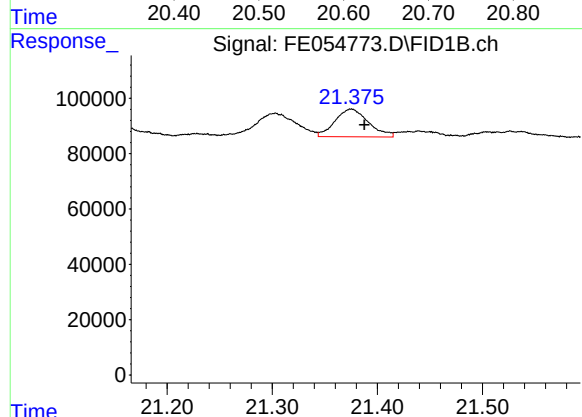
R.T.: 19.858 min
Delta R.T.: -0.008 min
Response: 1153334
Conc: 7.57 ug/ml



#20 n-Hexatriacontane (C36)

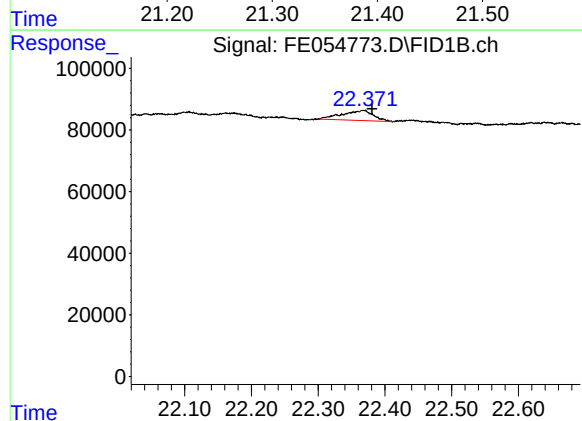
R.T.: 20.598 min
Delta R.T.: -0.008 min
Response: 297279
Conc: 2.21 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.375 min
Delta R.T.: -0.013 min
Response: 221859
Conc: 1.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.013 min
Response: 104651
Conc: 0.97 ug/ml