

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061925AL\
 Data File : FE054503.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2025 18:59
 Operator : YP\AJ
 Sample : Q2355-04 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20071-E2

Integration File: autoint1.e
 Quant Time: Jun 20 02:14:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.858	12302253	74.453 ug/ml
Spiked Amount 50.000		Recovery =	148.91%
12) S 1-chlorooctadecane (S...	13.292	485904	3.985 ug/ml
Spiked Amount 50.000		Recovery =	7.97%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.143	29386	0.217 ug/ml
4) T n-Dodecane (C12)	6.619	500651	3.932 ug/ml
5) T A~2-methylnaphthalene...	7.257	1931787	14.585 ug/ml
6) T n-Tetradecane (C14)	8.462	2337112	18.052 ug/ml
7) T n-Hexadecane (C16)	10.084	3430426	25.824 ug/ml
8) T n-Octadecane (C18)	11.498	1558896	11.545 ug/ml
10) T n-Eicosane (C20)	12.875	9350708	69.898 ug/ml
11) T n-Heneicosane (C21)	13.455	912812	6.865 ug/ml
13) T n-Docosane (C22)	14.067	4538258	34.611 ug/ml
14) T n-Tetracosane (C24)	15.157	2386299	18.499 ug/ml
15) T n-Hexacosane (C26)	16.168	379616	3.024 ug/ml
16) T n-Octacosane (C28)	17.109	383379	3.126 ug/ml
17) T n-Tricontane (C30)	17.993	49476	0.399 ug/ml
18) T n-Dotriacontane (C32)	18.827	63710	0.507 ug/ml
19) T n-Tetratriacontane (C34)	19.614	109646	0.881 ug/ml
20) T n-Hexatriacontane (C36)	20.354	50476	0.392 ug/ml
21) T n-Octatriacontane (C38)	21.084	43106	0.326 ug/ml

(f)=RT Delta > 1/2 Window

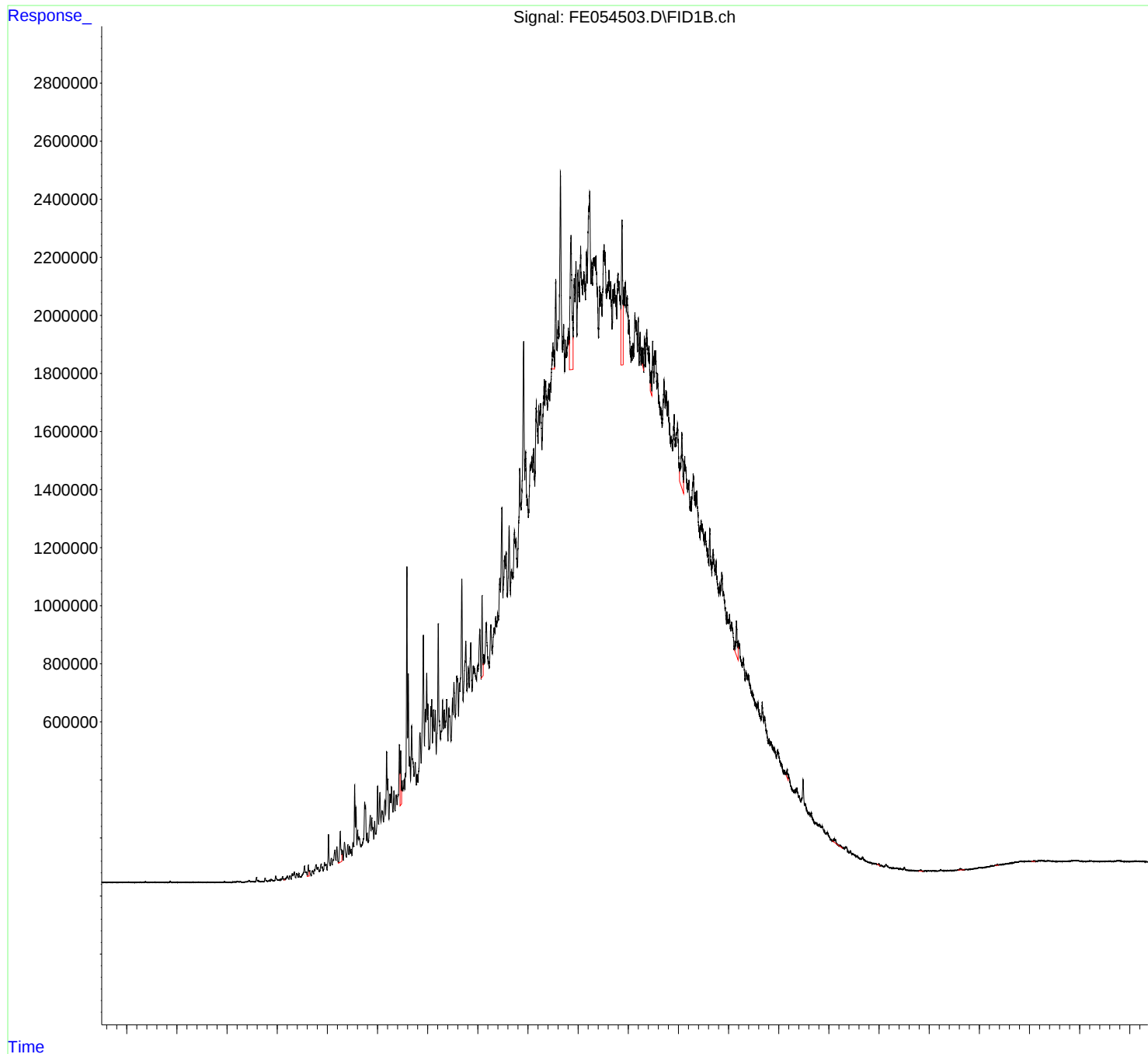
(m)=manual int.

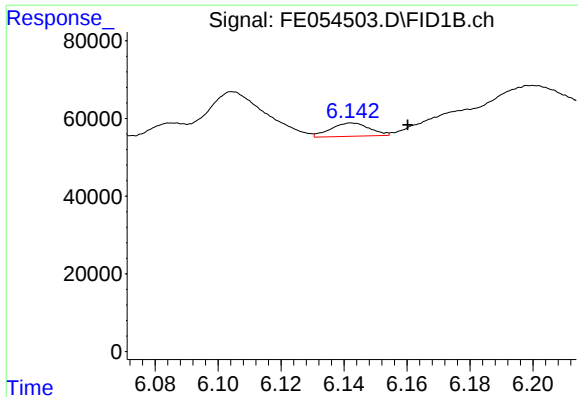
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061925AL\
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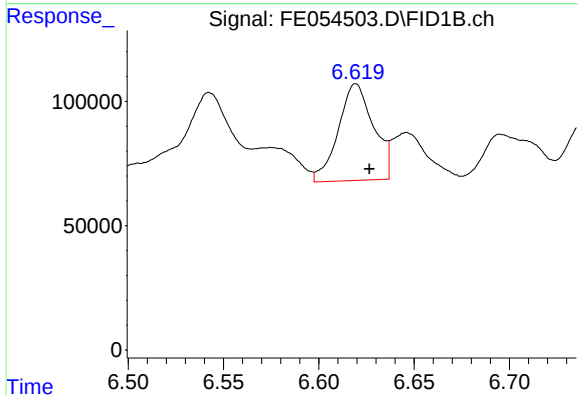




#3 A~Naphthalene (C11.7)

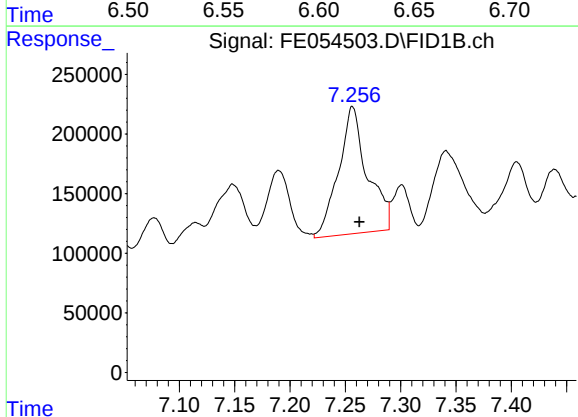
R.T.: 6.143 min
Delta R.T.: -0.018 min
Response: 29386
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20071-E2



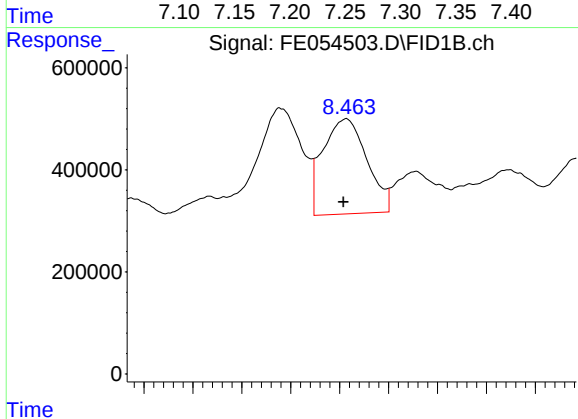
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 500651
Conc: 3.93 ug/ml



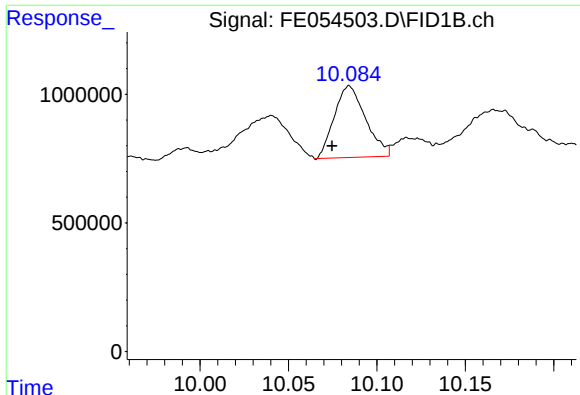
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.006 min
Response: 1931787
Conc: 14.58 ug/ml



#6 n-Tetradecane (C14)

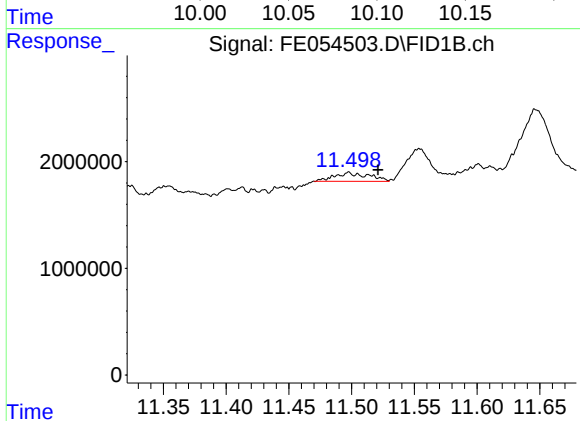
R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 2337112
Conc: 18.05 ug/ml



#7 n-Hexadecane (C16)

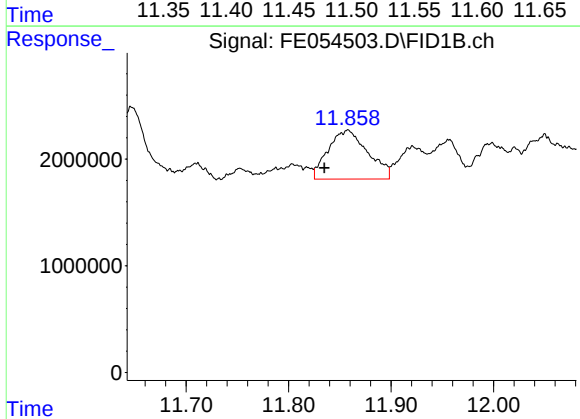
R.T.: 10.084 min
Delta R.T.: 0.010 min
Response: 3430426
Conc: 25.82 ug/ml

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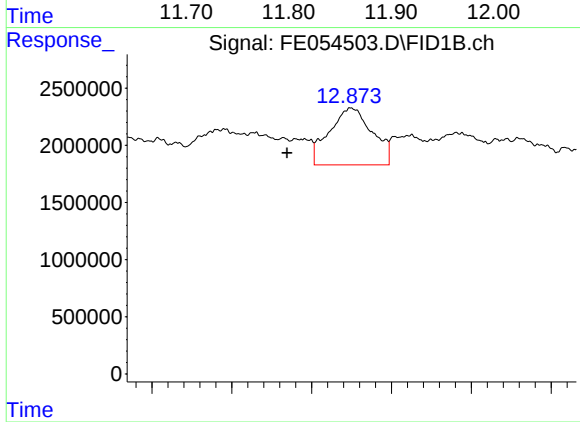
#8 n-Octadecane (C18)

R.T.: 11.498 min
Delta R.T.: -0.023 min
Response: 1558896
Conc: 11.54 ug/ml



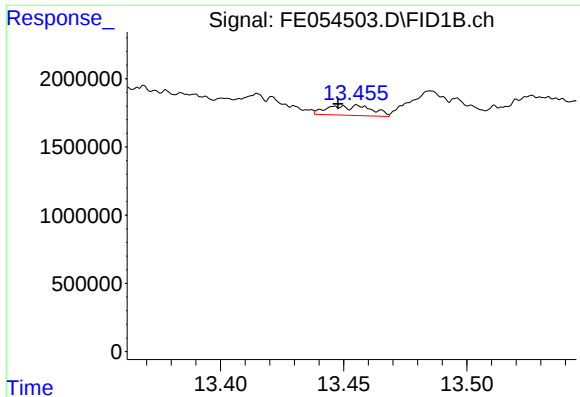
#9 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: 0.023 min
Response: 12302253
Conc: 74.45 ug/ml



#10 n-Eicosane (C20)

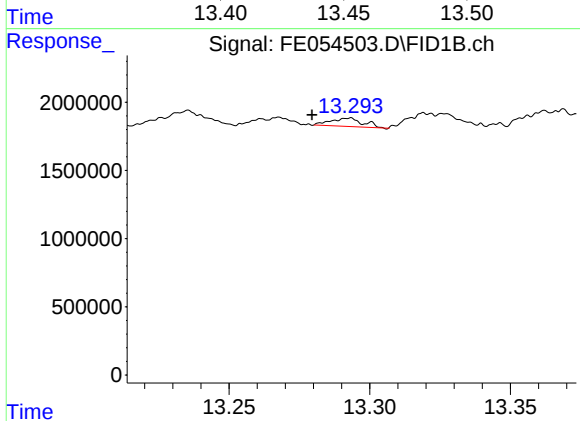
R.T.: 12.875 min
Delta R.T.: 0.040 min
Response: 9350708
Conc: 69.90 ug/ml



#11 n-Heneicosane (C21)

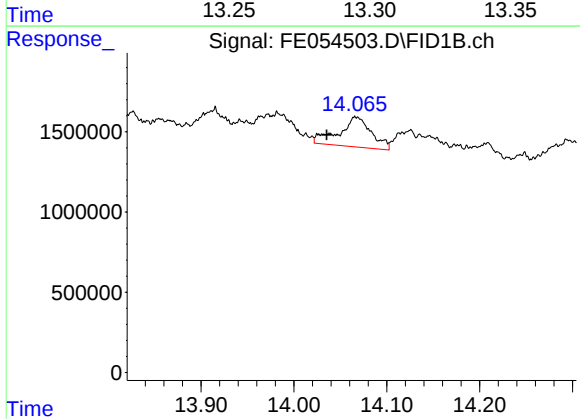
R.T.: 13.455 min
Delta R.T.: 0.008 min
Response: 912812
Conc: 6.86 ug/ml

Instrument :
FID_E
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20071-E2



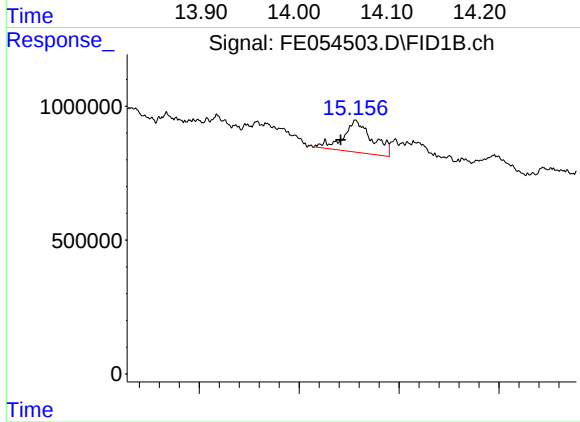
#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: 0.012 min
Response: 485904
Conc: 3.98 ug/ml



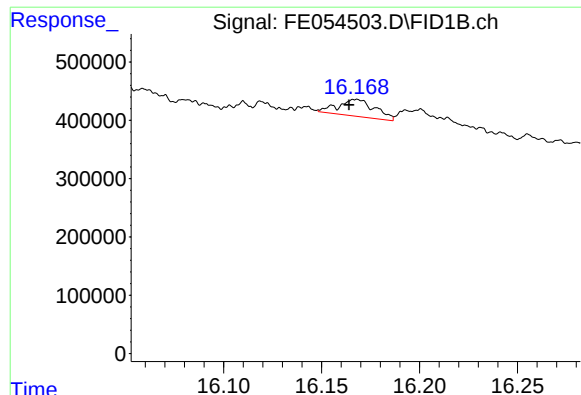
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: 0.032 min
Response: 4538258
Conc: 34.61 ug/ml



#14 n-Tetracosane (C24)

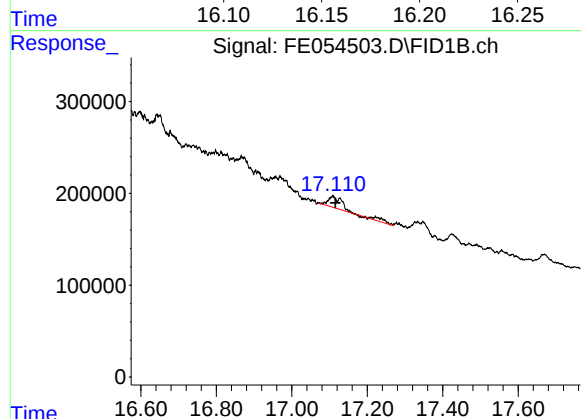
R.T.: 15.157 min
Delta R.T.: 0.015 min
Response: 2386299
Conc: 18.50 ug/ml



#15 n-Hexacosane (C26)

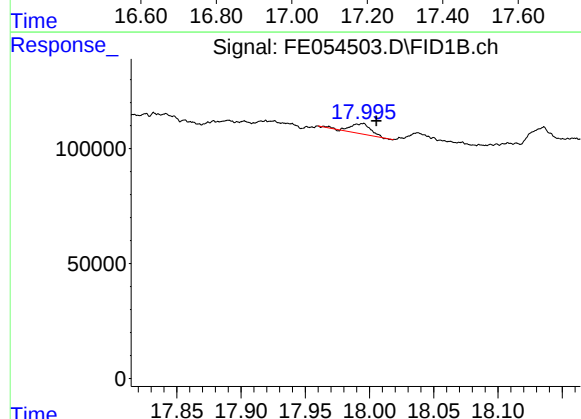
R.T.: 16.168 min
Delta R.T.: 0.004 min
Response: 379616
Conc: 3.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20071-E2



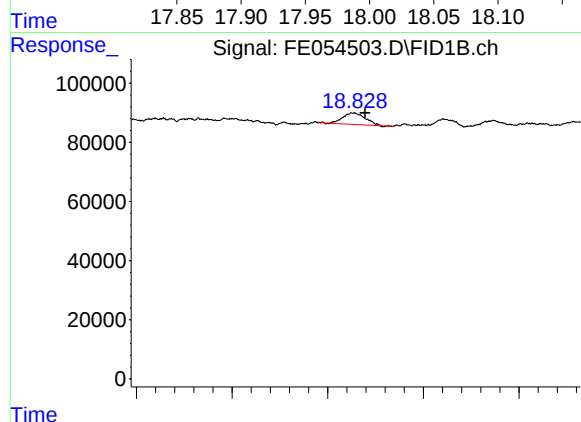
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.007 min
Response: 383379
Conc: 3.13 ug/ml



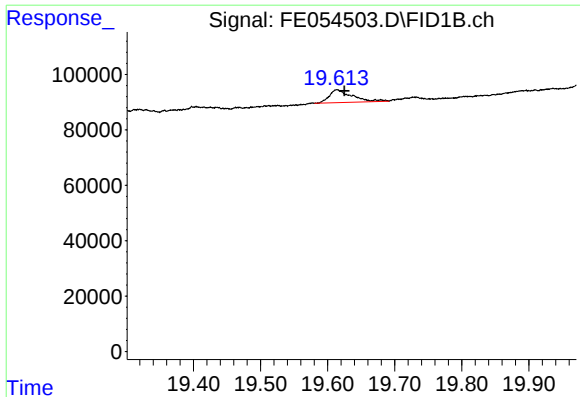
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.012 min
Response: 49476
Conc: 0.40 ug/ml



#18 n-Dotriacontane (C32)

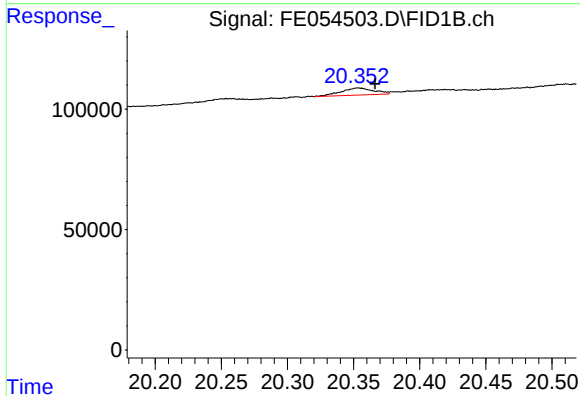
R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 63710
Conc: 0.51 ug/ml



#19 n-Tetratriacontane (C34)

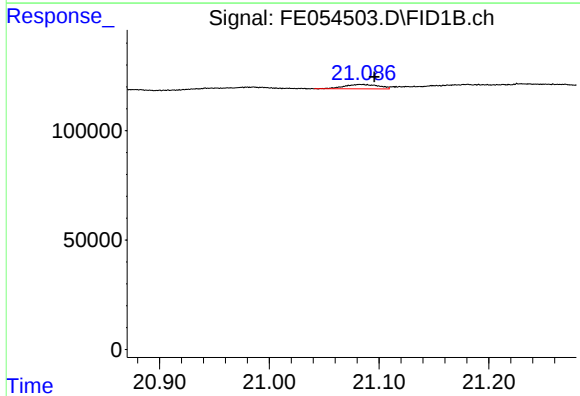
R.T.: 19.614 min
Delta R.T.: -0.011 min
Response: 109646
Conc: 0.88 ug/ml

Instrument :
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#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.012 min
Response: 50476
Conc: 0.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.012 min
Response: 43106
Conc: 0.33 ug/ml