

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054817.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 18:22
 Operator : YP\AJ
 Sample : Q2564-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0013-E2

Integration File: autoint1.e
 Quant Time: Jul 12 02:11:06 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)	12.100	9068149	55.840 ug/ml
Spiked Amount 50.000		Recovery =	111.68%
12) S 1-chlorooctadecane (S...	13.514	3586355	28.397 ug/ml
Spiked Amount 50.000		Recovery =	56.79%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.398	20711	0.137 ug/ml
4) T n-Dodecane (C12)	6.831	90107	0.657 ug/ml
5) T A~2-methylnaphthalene...	7.504	133396	0.907 ug/ml
6) T n-Tetradecane (C14)	8.684	1546009	11.152 ug/ml
7) T n-Hexadecane (C16)	10.285	2719389	19.082 ug/ml
8) T n-Octadecane (C18)	11.769	1600588	10.921 ug/ml
10) T n-Eicosane (C20)	13.058	899114	6.253 ug/ml
11) T n-Heneicosane (C21)	13.650	4399531	30.802 ug/ml
13) T n-Docosane (C22)	14.295	14482199	101.424 ug/ml
14) T n-Tetracosane (C24)	15.392	717476	4.936 ug/ml
15) T n-Hexacosane (C26)	16.444	380082	2.626 ug/ml
16) T n-Octacosane (C28)	17.354	240267	1.649 ug/ml
17) T n-Tricontane (C30)	18.246	170990	1.085 ug/ml
18) T n-Dotriacontane (C32)	19.076	353254	2.183 ug/ml
19) T n-Tetratriacontane (C34)	19.874	256913	1.686 ug/ml
20) T n-Hexatriacontane (C36)	20.607	38966	0.290 ug/ml

(f)=RT Delta > 1/2 Window

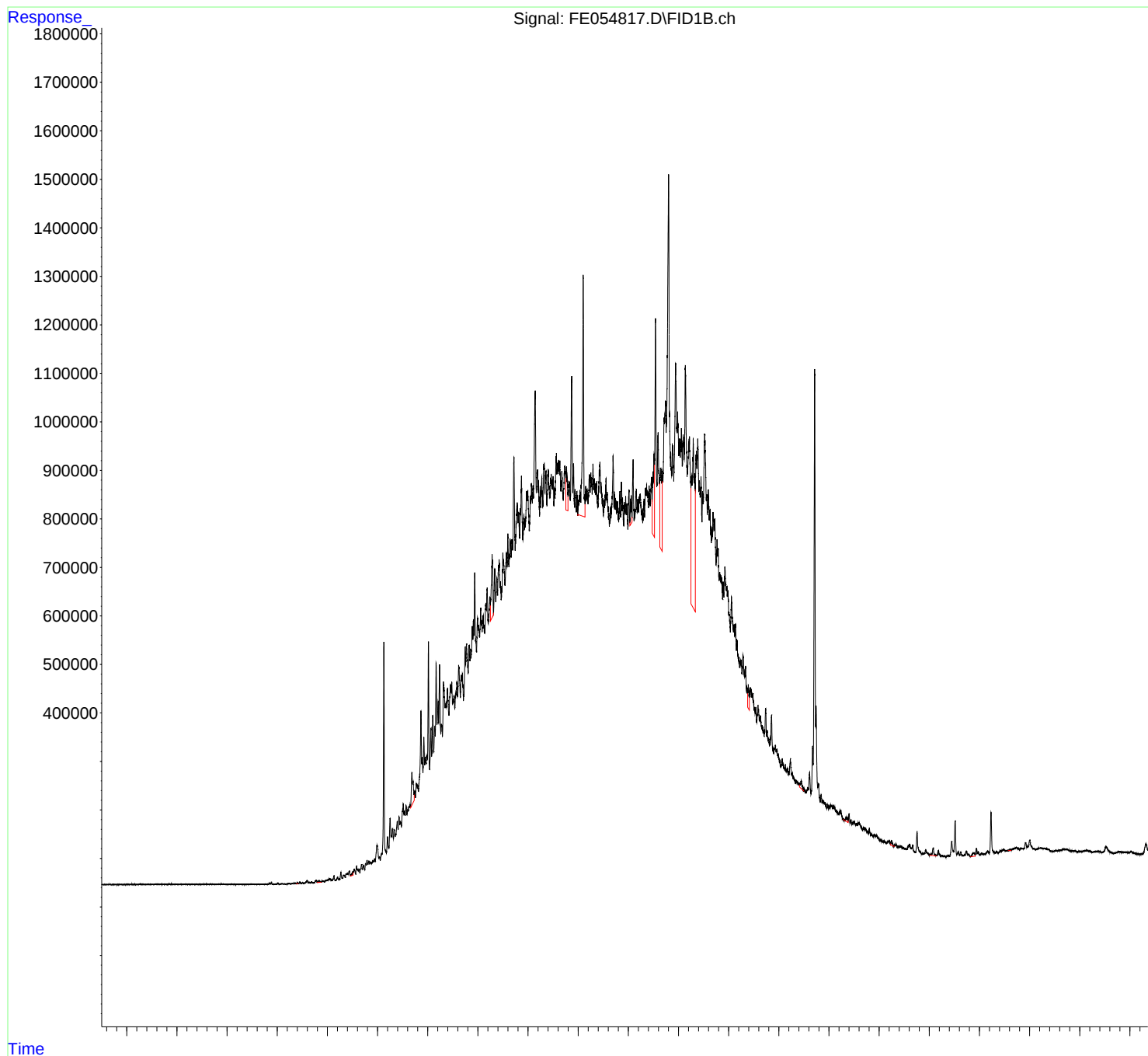
(m)=manual int.

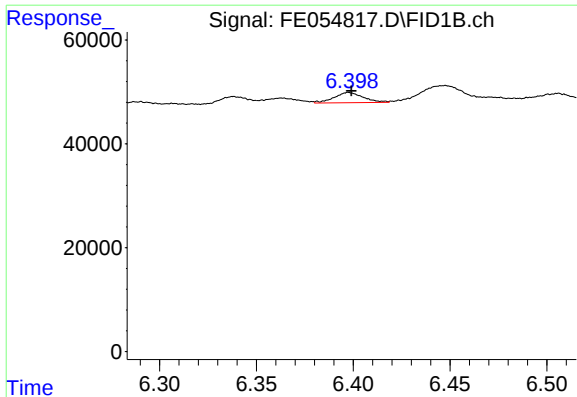
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
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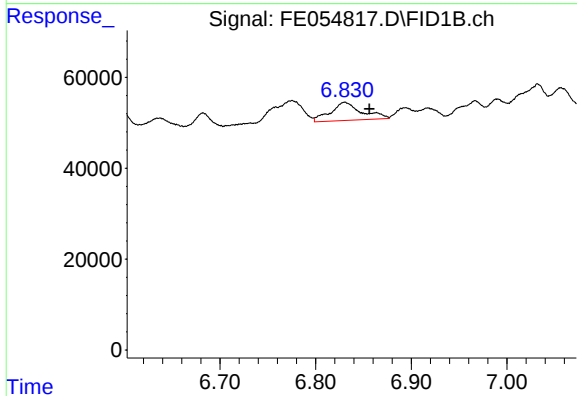




#3 A~Naphthalene (C11.7)

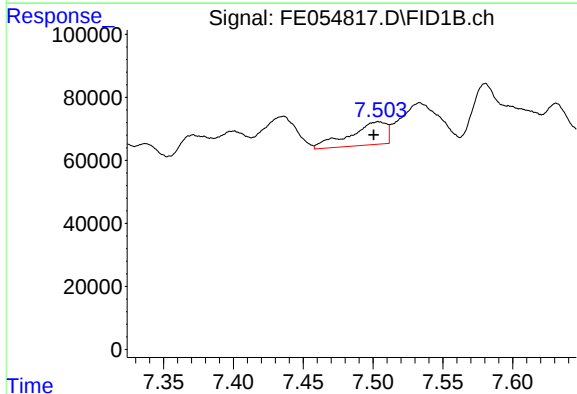
R.T.: 6.398 min
Delta R.T.: -0.001 min
Response: 20711
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0013-E2



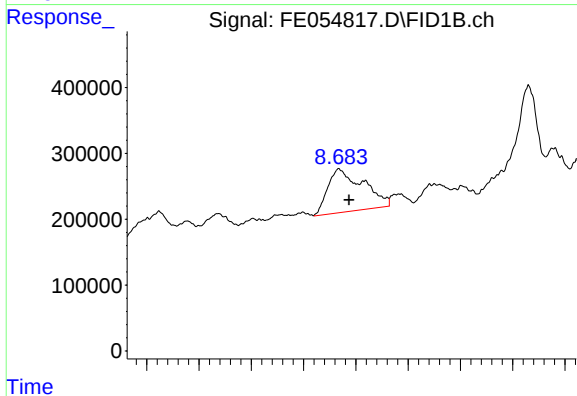
#4 n-Dodecane (C12)

R.T.: 6.831 min
Delta R.T.: -0.026 min
Response: 90107
Conc: 0.66 ug/ml



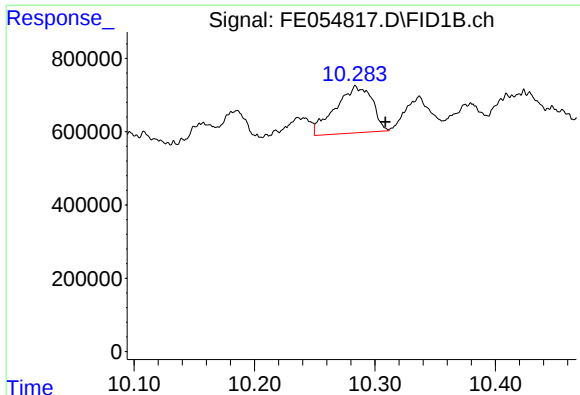
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 133396
Conc: 0.91 ug/ml



#6 n-Tetradecane (C14)

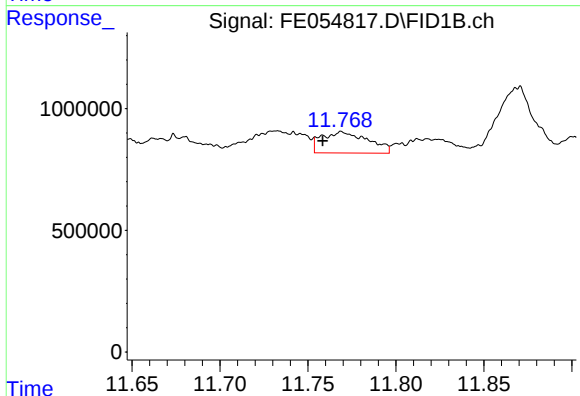
R.T.: 8.684 min
Delta R.T.: -0.009 min
Response: 1546009
Conc: 11.15 ug/ml



#7 n-Hexadecane (C16)

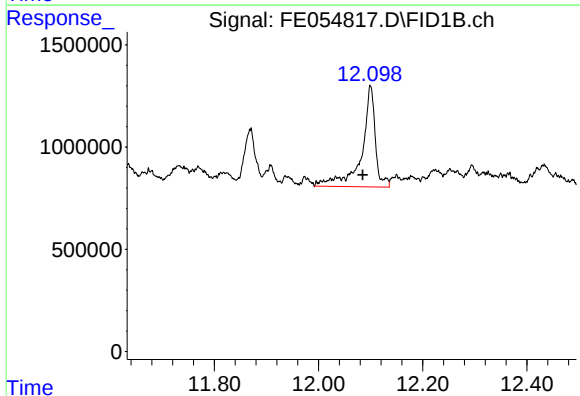
R.T.: 10.285 min
Delta R.T.: -0.023 min
Response: 2719389
Conc: 19.08 ug/ml

Instrument :
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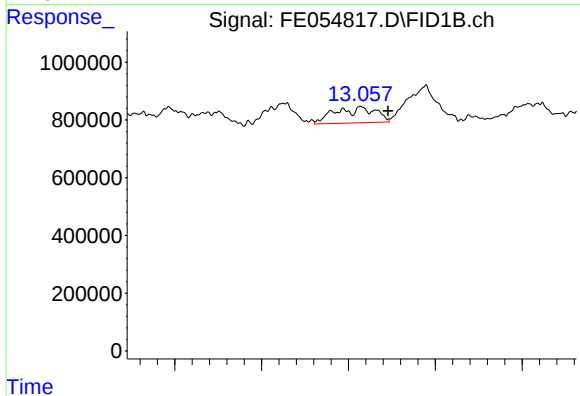
#8 n-Octadecane (C18)

R.T.: 11.769 min
Delta R.T.: 0.011 min
Response: 1600588
Conc: 10.92 ug/ml



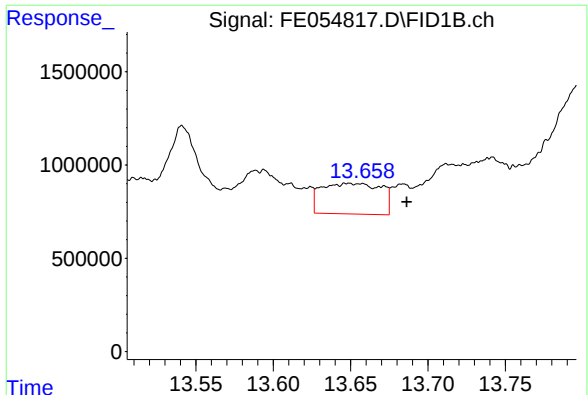
#9 ortho-Terphenyl (SURR)

R.T.: 12.100 min
Delta R.T.: 0.015 min
Response: 9068149
Conc: 55.84 ug/ml



#10 n-Eicosane (C20)

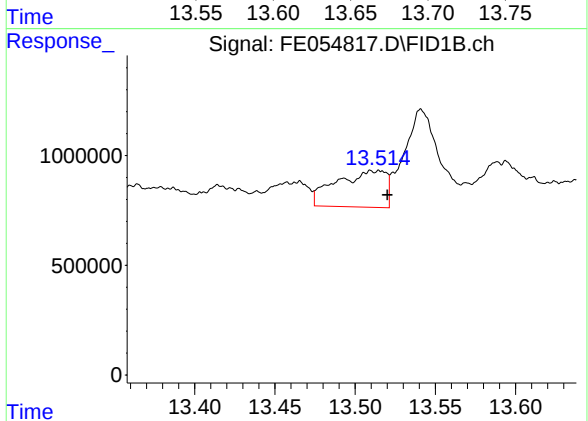
R.T.: 13.058 min
Delta R.T.: -0.015 min
Response: 899114
Conc: 6.25 ug/ml



#11 n-Heneicosane (C21)

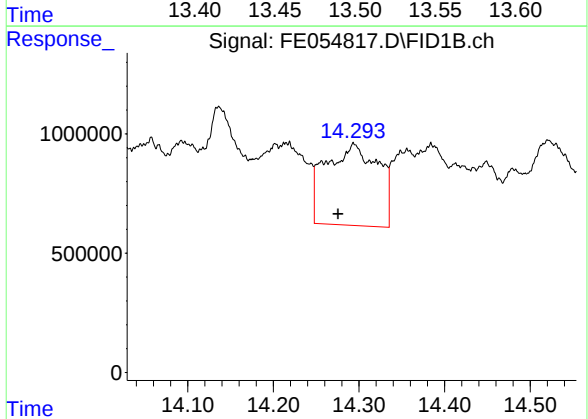
R.T.: 13.650 min
Delta R.T.: -0.037 min
Response: 4399531
Conc: 30.80 ug/ml

Instrument :
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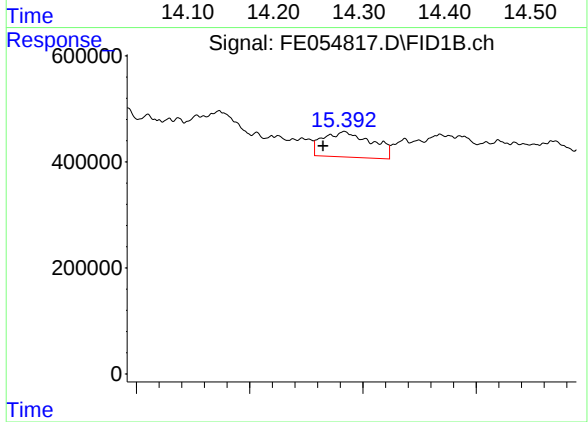
#12 1-chlorooctadecane (SURR)

R.T.: 13.514 min
Delta R.T.: -0.006 min
Response: 3586355
Conc: 28.40 ug/ml



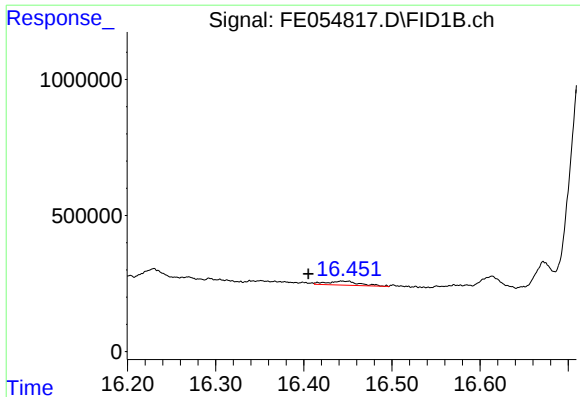
#13 n-Docosane (C22)

R.T.: 14.295 min
Delta R.T.: 0.019 min
Response: 14482199
Conc: 101.42 ug/ml



#14 n-Tetracosane (C24)

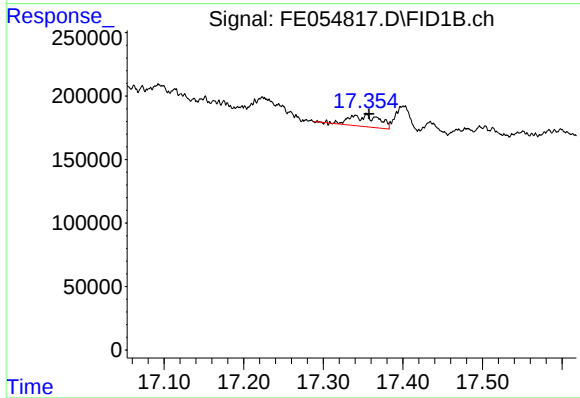
R.T.: 15.392 min
Delta R.T.: 0.009 min
Response: 717476
Conc: 4.94 ug/ml



#15 n-Hexacosane (C26)

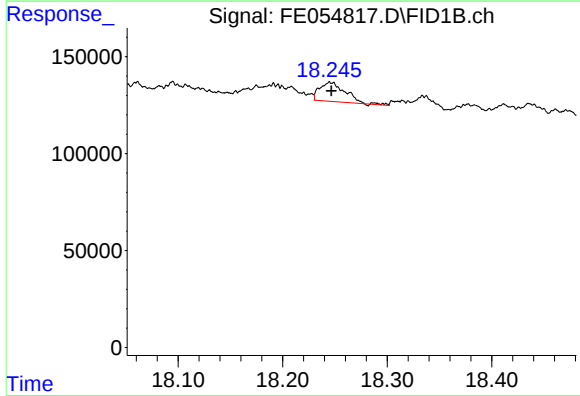
R.T.: 16.444 min
Delta R.T.: 0.039 min
Response: 380082
Conc: 2.63 ug/ml

Instrument :
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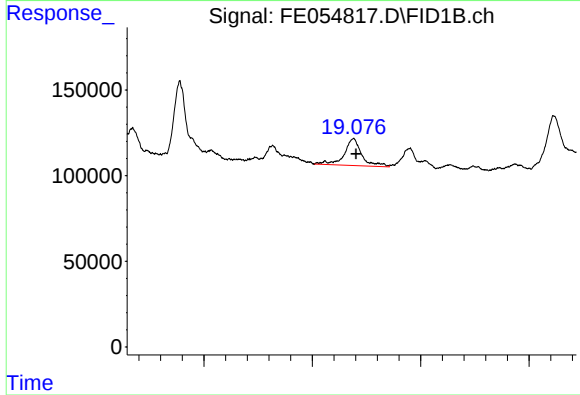
#16 n-Octacosane (C28)

R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 240267
Conc: 1.65 ug/ml



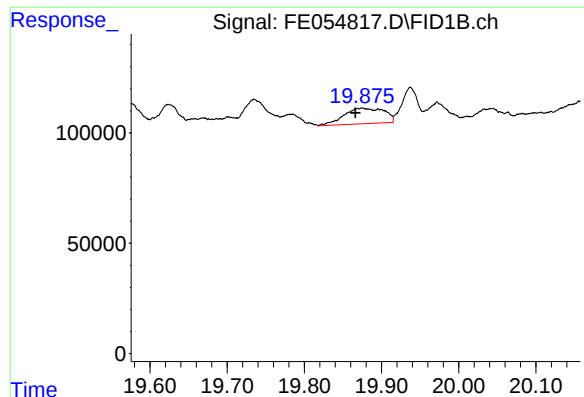
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 170990
Conc: 1.09 ug/ml



#18 n-Dotriacontane (C32)

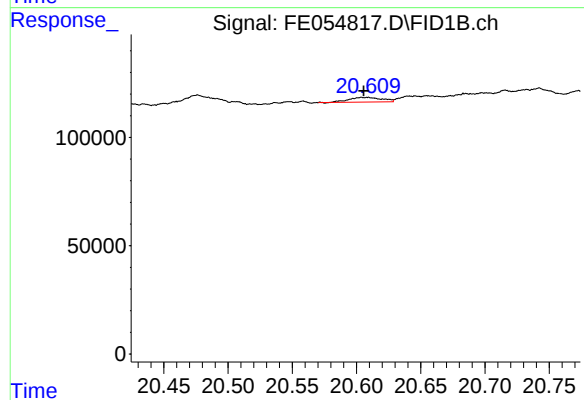
R.T.: 19.076 min
Delta R.T.: -0.005 min
Response: 353254
Conc: 2.18 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.008 min
Response: 256913
Conc: 1.69 ug/ml

Instrument :
FID_E
ClientSampleId :
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#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 38966
Conc: 0.29 ug/ml