

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054338.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 14:10
 Operator : YP\AJ
 Sample : Q2283-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0166-MOO-25-0167DL

Integration File: autoint1.e
 Quant Time: Jun 13 01:16:50 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)	11.833	3311231	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.281	1060699	8.698 ug/ml
Spiked Amount 50.000		Recovery =	17.40%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.204	30885	0.229 ug/ml
4) T n-Dodecane (C12)	6.650	47803	0.375 ug/ml
5) T A~2-methylnaphthalene...	7.278	173202	1.308 ug/ml
6) T n-Tetradecane (C14)	8.456	152672	1.179 ug/ml
7) T n-Hexadecane (C16)	10.071	140097	1.055 ug/ml
8) T n-Octadecane (C18)	11.520	200915	1.488 ug/ml
10) T n-Eicosane (C20)	12.835	1779383	13.301 ug/ml
11) T n-Heneicosane (C21)	13.448	172723	1.299 ug/ml
13) T n-Docosane (C22)	14.032	287645	2.194 ug/ml
14) T n-Tetracosane (C24)	15.130	625848	4.852 ug/ml
15) T n-Hexacosane (C26)	16.160	20992	0.167 ug/ml
16) T n-Octacosane (C28)	17.141	48793	0.398 ug/ml
17) T n-Tricontane (C30)	17.996	47852	0.386 ug/ml
18) T n-Dotriacontane (C32)	18.828	66000	0.525 ug/ml
19) T n-Tetratriacontane (C34)	19.681f	34463	0.277 ug/ml

(f)=RT Delta > 1/2 Window

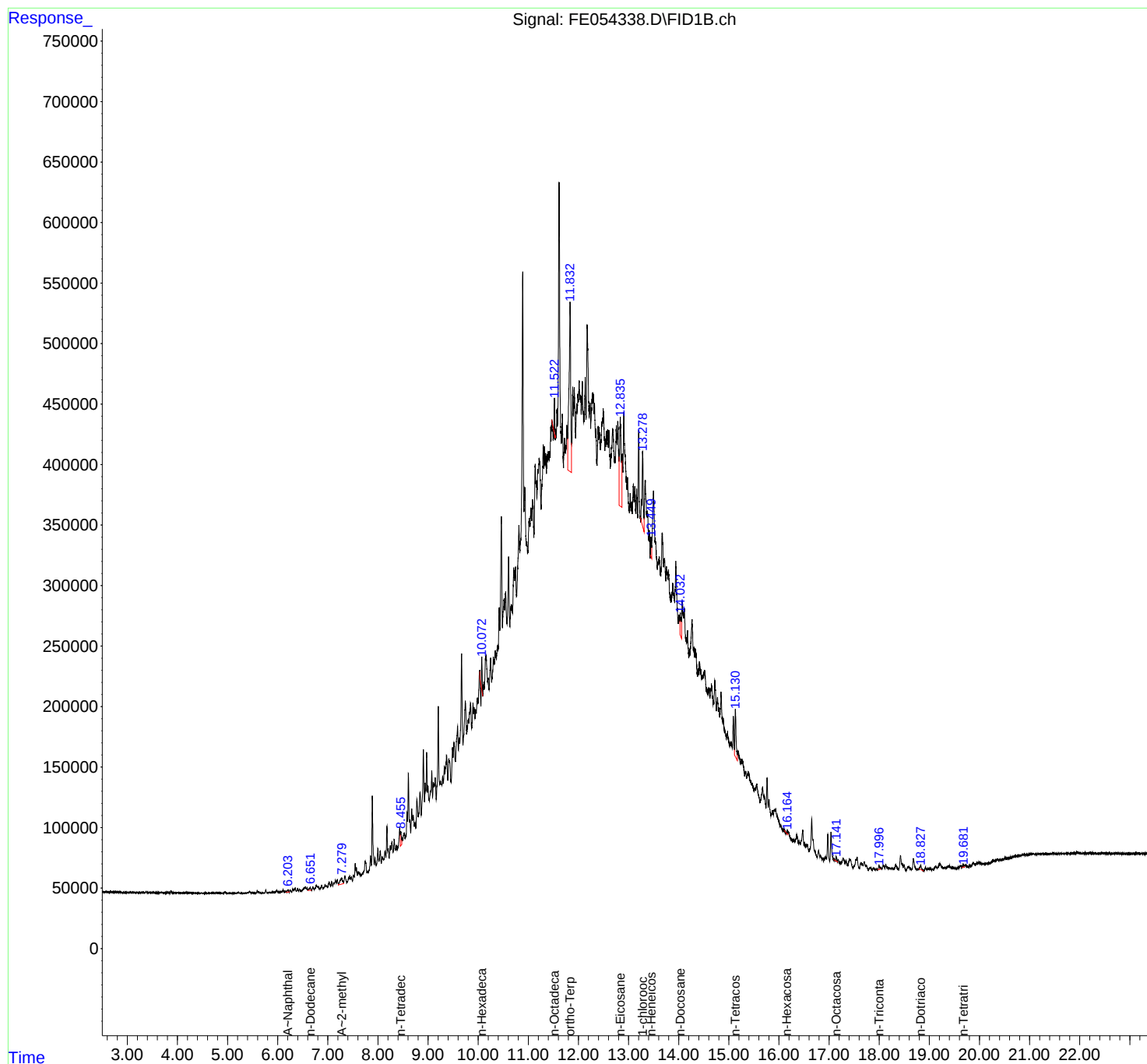
(m)=manual int.

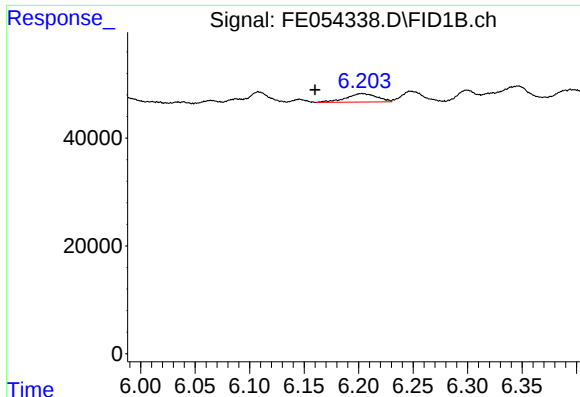
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
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#3 A~Naphthalene (C11.7)

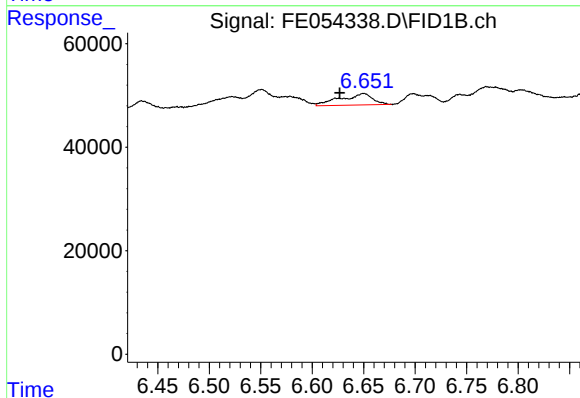
R.T.: 6.204 min
Delta R.T.: 0.043 min
Response: 30885
Conc: 0.23 ug/ml

Instrument :

FID_E

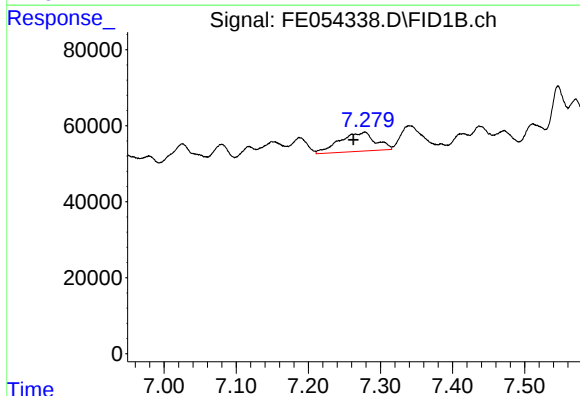
ClientSampleId :

MOO-25-0166-MOO-25-0167DL



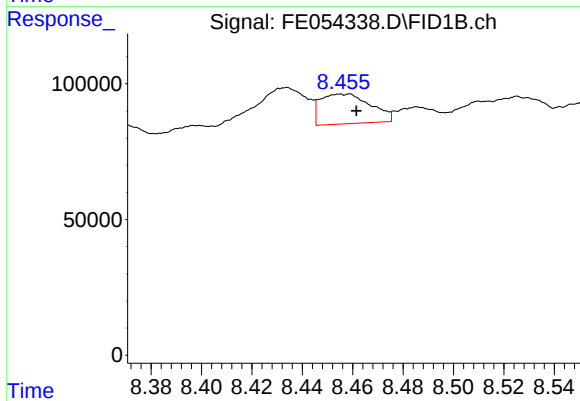
#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: 0.023 min
Response: 47803
Conc: 0.38 ug/ml



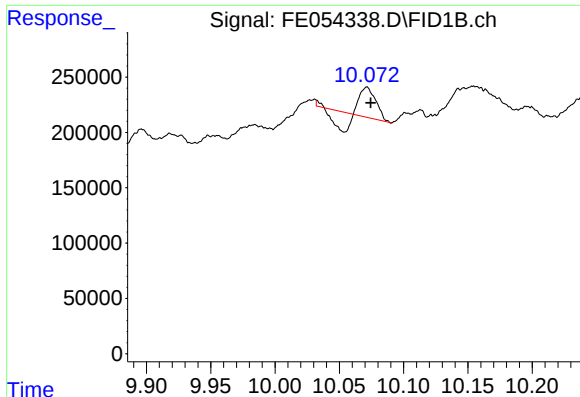
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: 0.015 min
Response: 173202
Conc: 1.31 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 152672
Conc: 1.18 ug/ml



#7 n-Hexadecane (C16)

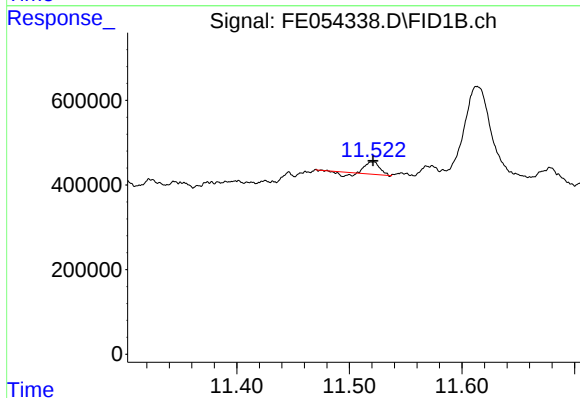
R.T.: 10.071 min
Delta R.T.: -0.003 min
Response: 140097
Conc: 1.05 ug/ml

Instrument :

FID_E

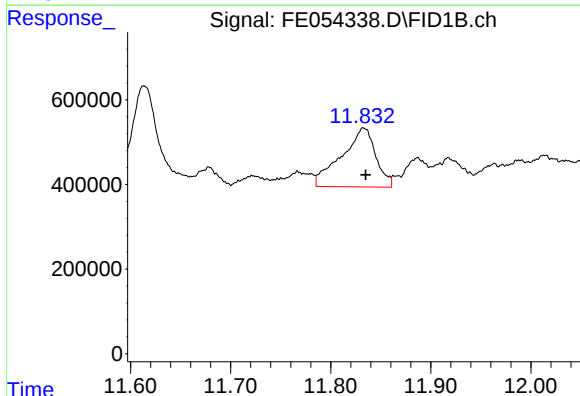
ClientSampleId :

MOO-25-0166-MOO-25-0167DL



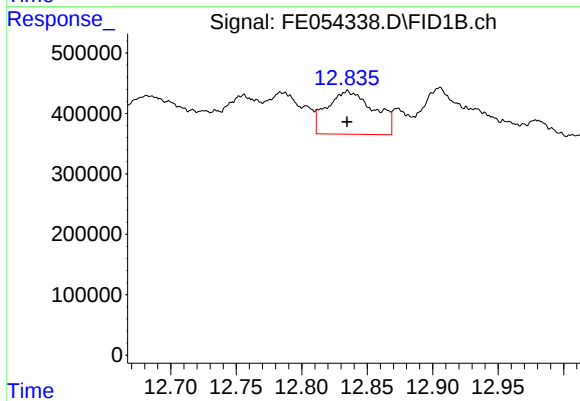
#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: 0.000 min
Response: 200915
Conc: 1.49 ug/ml



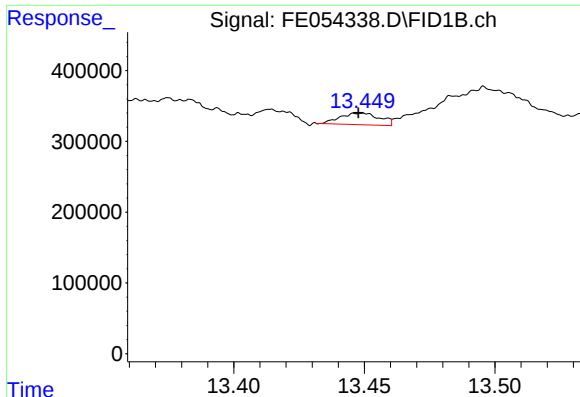
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.002 min
Response: 3311231
Conc: 20.04 ug/ml



#10 n-Eicosane (C20)

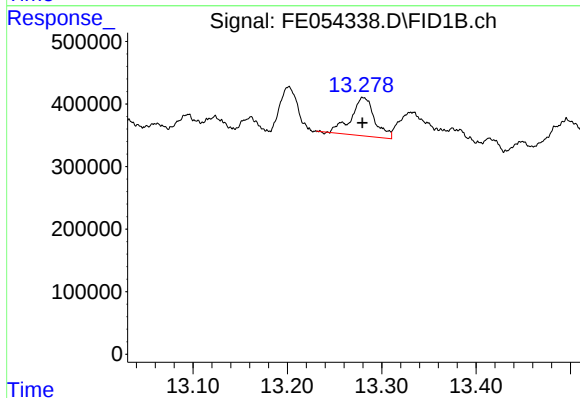
R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 1779383
Conc: 13.30 ug/ml



#11 n-Heneicosane (C21)

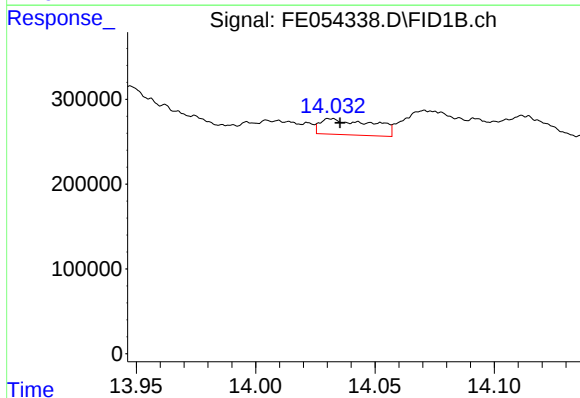
R.T.: 13.448 min
Delta R.T.: 0.000 min
Response: 172723
Conc: 1.30 ug/ml

Instrument :
FID_E
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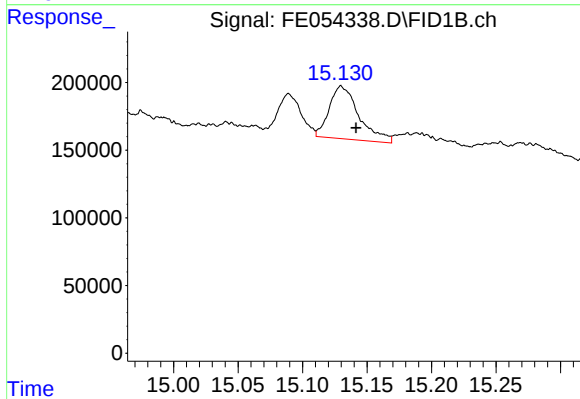
#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: 0.001 min
Response: 1060699
Conc: 8.70 ug/ml



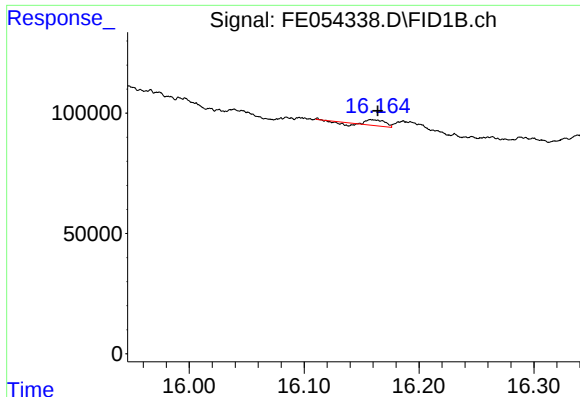
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.003 min
Response: 287645
Conc: 2.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.011 min
Response: 625848
Conc: 4.85 ug/ml



#15 n-Hexacosane (C26)

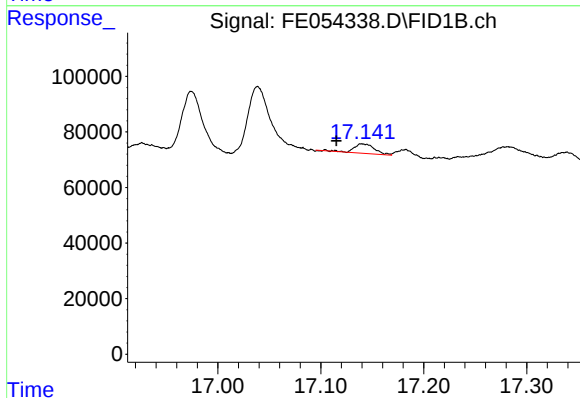
R.T.: 16.160 min
Delta R.T.: -0.004 min
Response: 20992
Conc: 0.17 ug/ml

Instrument :

FID_E

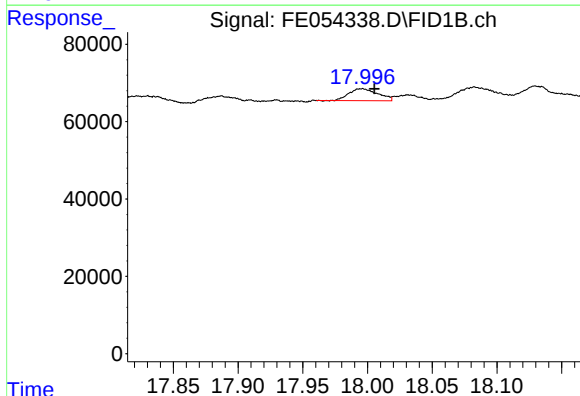
ClientSampleId :

MOO-25-0166-MOO-25-0167DL



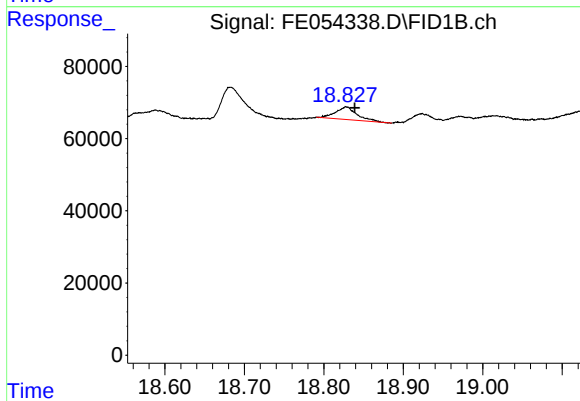
#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.026 min
Response: 48793
Conc: 0.40 ug/ml



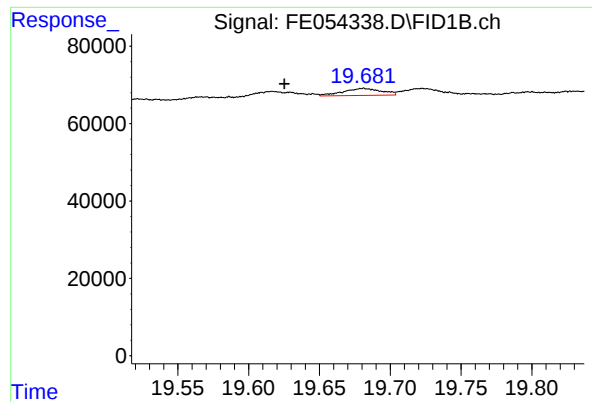
#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.010 min
Response: 47852
Conc: 0.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 66000
Conc: 0.53 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: 0.056 min
Response: 34463
Conc: 0.28 ug/ml

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