

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053367.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 12:40
 Operator : YP\AJ
 Sample : Q1783-02DL 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-03-41125-E2DL

Integration File: autoint1.e
 Quant Time: Apr 15 22:31:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.893	647854	3.977 ug/ml
Spiked Amount 50.000		Recovery =	7.95%
12) S 1-chlorooctadecane (S...	13.340	343876	2.865 ug/ml
Spiked Amount 50.000		Recovery =	5.73%
Target Compounds			
2) T n-Decane (C10)	4.495	285865	1.822 ug/ml
3) T A~Naphthalene (C11.7)	6.233	288245	1.716 ug/ml
4) T n-Dodecane (C12)	6.677	1026963	6.566 ug/ml
5) T A~2-methylnaphthalene...	7.316	614920	3.854 ug/ml
6) T n-Tetradecane (C14)	8.514	1760854	11.500 ug/ml
7) T n-Hexadecane (C16)	10.129	1748560	11.343 ug/ml
8) T n-Octadecane (C18)	11.579	1349853	8.900 ug/ml
10) T n-Eicosane (C20)	12.894	949712	6.661 ug/ml
11) T n-Heneicosane (C21)	13.508	608196	4.383 ug/ml
13) T n-Docosane (C22)	14.096	388828	2.839 ug/ml
14) T n-Tetracosane (C24)	15.201	237958	1.762 ug/ml
16) T n-Octacosane (C28)	17.181	109490	0.830 ug/ml
17) T n-Tricontane (C30)	18.072	113981	0.841 ug/ml
18) T n-Dotriacontane (C32)	18.907	132658	0.986 ug/ml
19) T n-Tetratriacontane (C34)	19.693	98002	0.757 ug/ml
20) T n-Hexatriacontane (C36)	20.437	100418	0.845 ug/ml

(f)=RT Delta > 1/2 Window

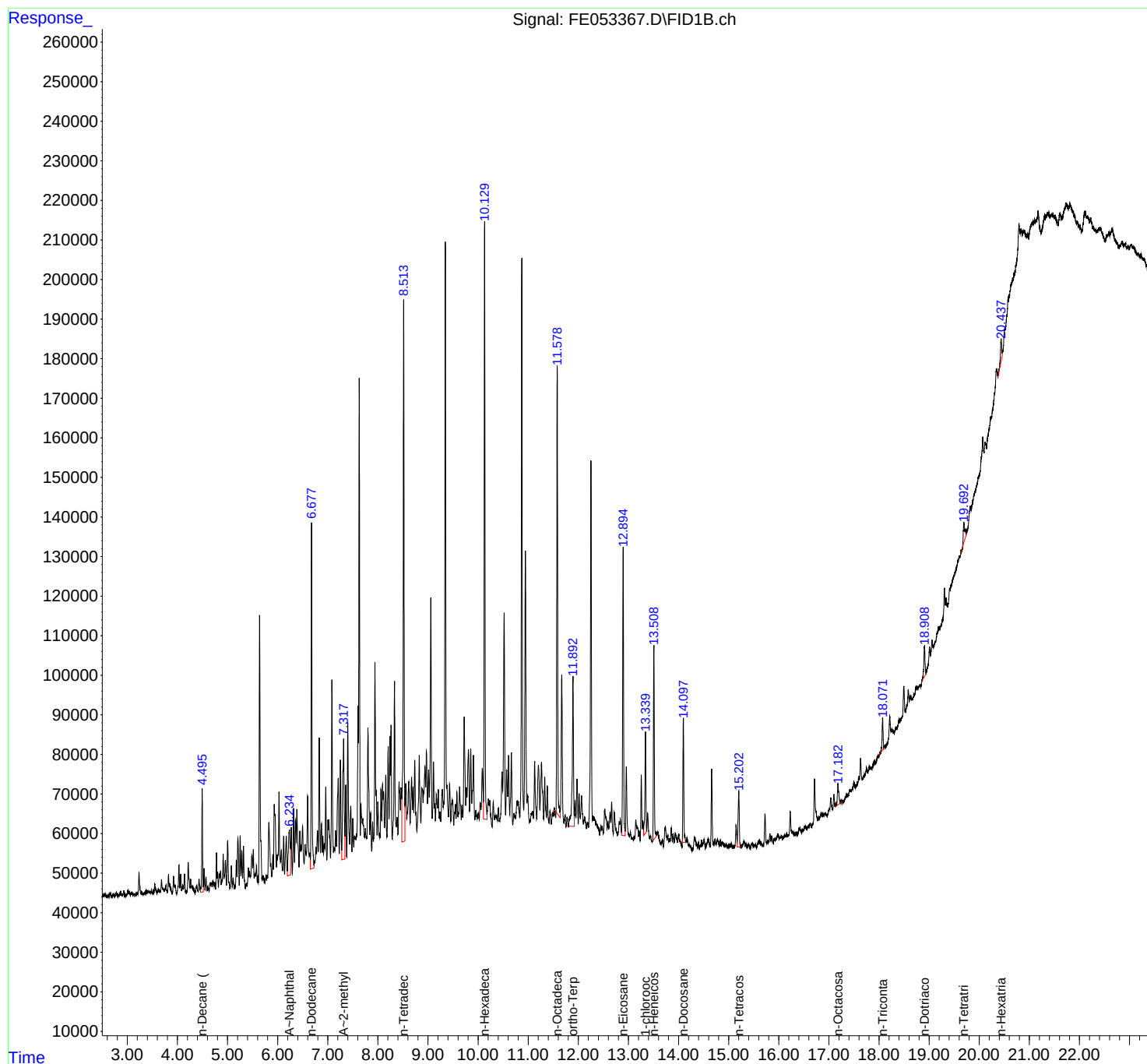
(m)=manual int.

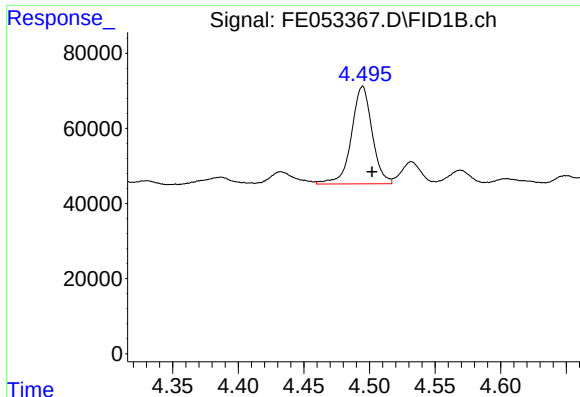
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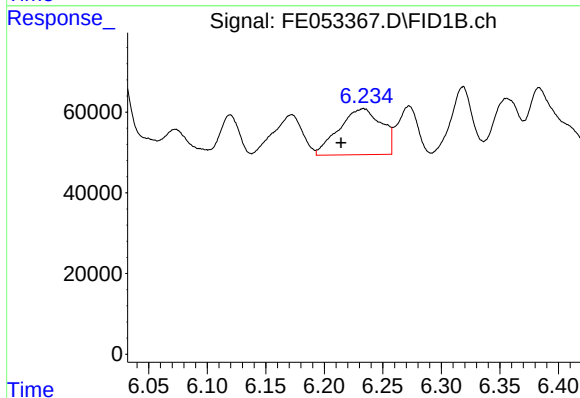




#2 n-Decane (C10)

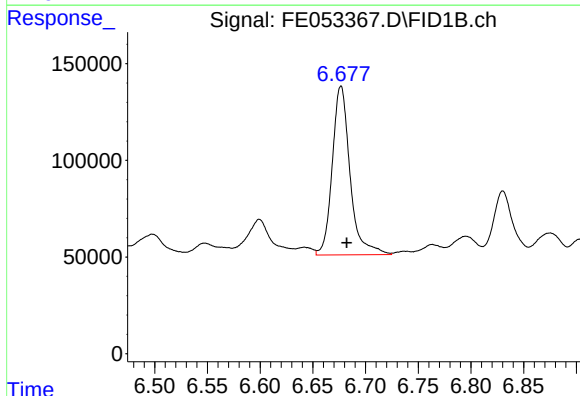
R.T.: 4.495 min
Delta R.T.: -0.007 min
Response: 285865
Conc: 1.82 ug/ml

Instrument :
FID_E
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SU-03-41125-E2DL



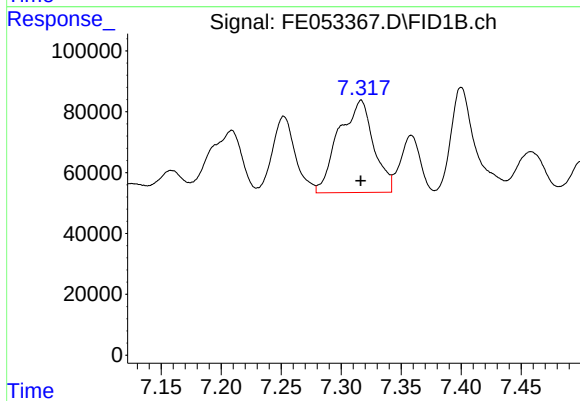
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: 0.019 min
Response: 288245
Conc: 1.72 ug/ml



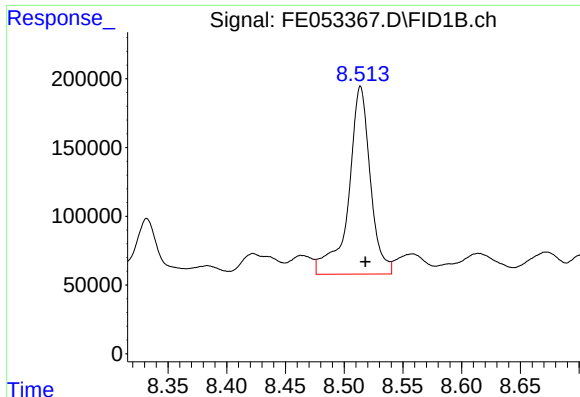
#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 1026963
Conc: 6.57 ug/ml



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

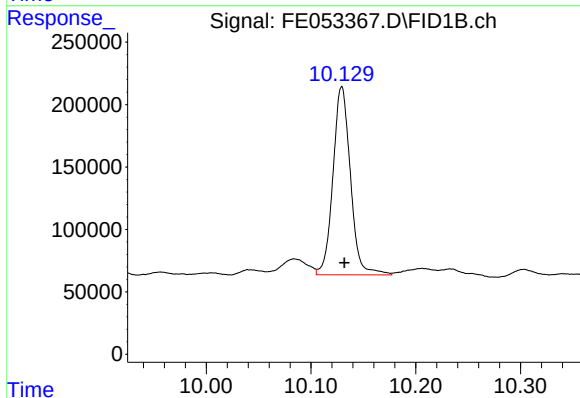
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 614920
Conc: 3.85 ug/ml



#6 n-Tetradecane (C14)

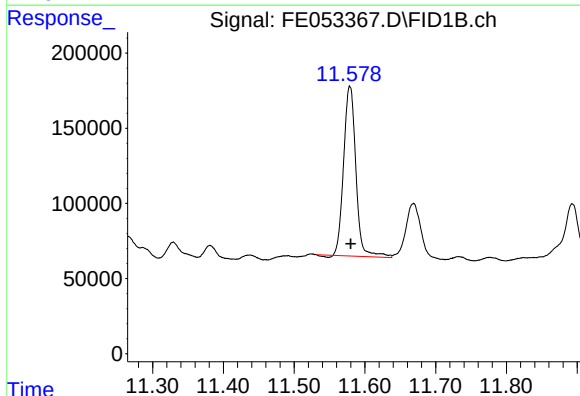
R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 1760854
Conc: 11.50 ug/ml

Instrument :
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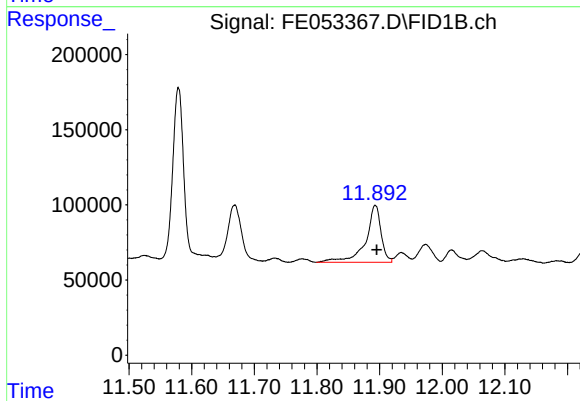
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.002 min
Response: 1748560
Conc: 11.34 ug/ml



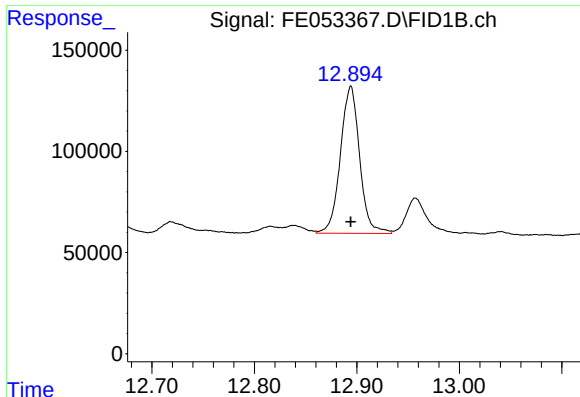
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 1349853
Conc: 8.90 ug/ml



#9 ortho-Terphenyl (SURR)

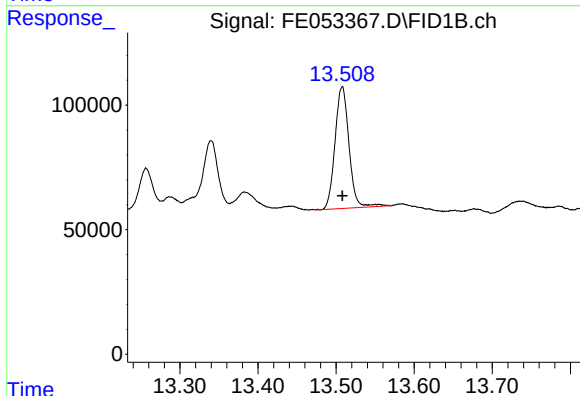
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 647854
Conc: 3.98 ug/ml



#10 n-Eicosane (C20)

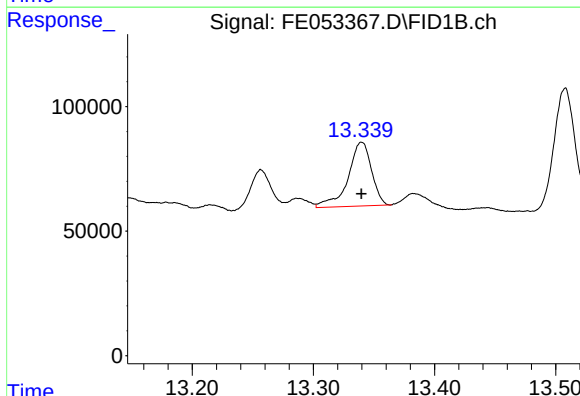
R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 949712
Conc: 6.66 ug/ml

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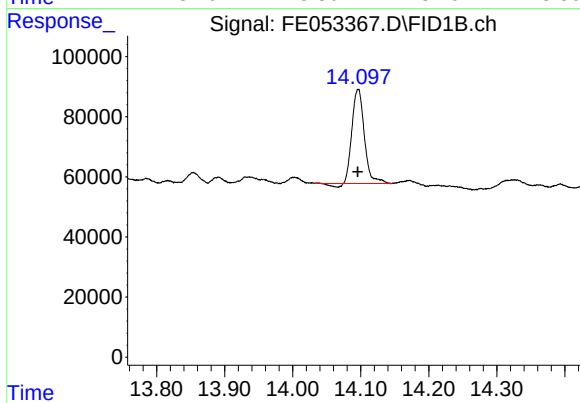
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 608196
Conc: 4.38 ug/ml



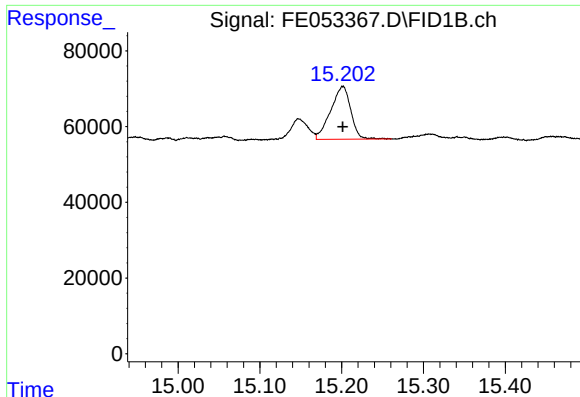
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 343876
Conc: 2.86 ug/ml



#13 n-Docosane (C22)

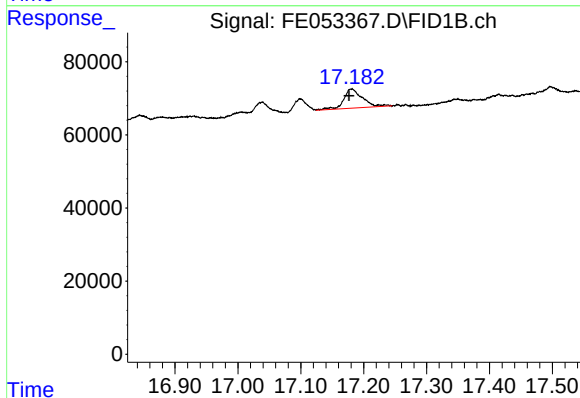
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 388828
Conc: 2.84 ug/ml



#14 n-Tetracosane (C24)

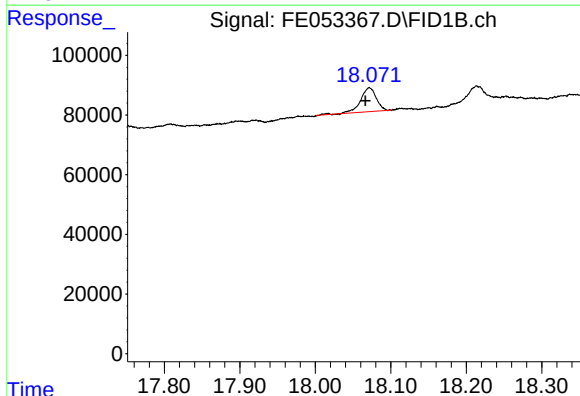
R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 237958
Conc: 1.76 ug/ml

Instrument :
FID_E
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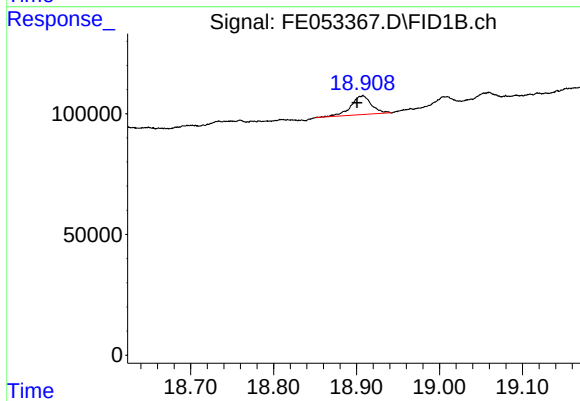
#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: 0.004 min
Response: 109490
Conc: 0.83 ug/ml



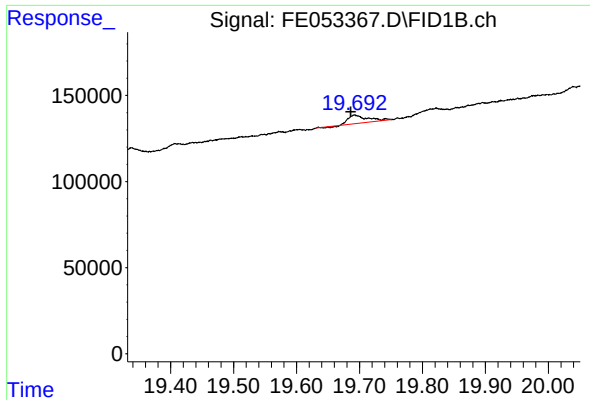
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.005 min
Response: 113981
Conc: 0.84 ug/ml



#18 n-Dotriacontane (C32)

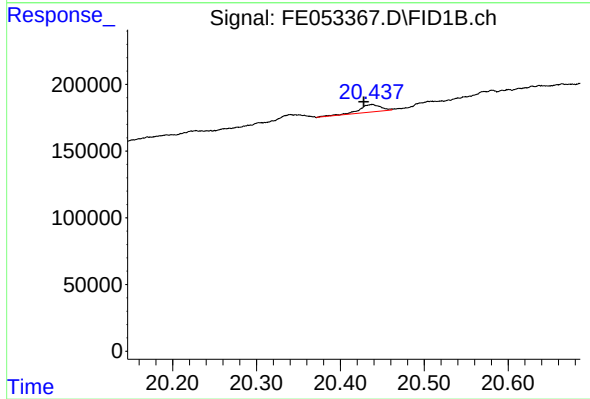
R.T.: 18.907 min
Delta R.T.: 0.006 min
Response: 132658
Conc: 0.99 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.007 min
Response: 98002
Conc: 0.76 ug/ml

Instrument :
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#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.009 min
Response: 100418
Conc: 0.85 ug/ml