

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080625AL\
 Data File : FC069590.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2025 20:55
 Operator : YP/AJ
 Sample : Q2780-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1-EPH

Integration File: autoint1.e
 Quant Time: Aug 07 02:52:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.671	4406061	29.534 ug/ml
Spiked Amount 50.000		Recovery =	59.07%
12) S 1-chlorooctadecane (S...	13.106	3626346	33.262 ug/ml
Spiked Amount 50.000		Recovery =	66.52%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.069	277064	1.786 ug/ml
4) T n-Dodecane (C12)	6.497	63538	0.435 ug/ml
5) T A~2-methylnaphthalene...	7.128	241627	1.641 ug/ml
6) T n-Tetradecane (C14)	8.296	144271	1.011 ug/ml
7) T n-Hexadecane (C16)	9.901	218455	1.515 ug/ml
8) T n-Octadecane (C18)	11.344	86667	0.613 ug/ml
10) T n-Eicosane (C20)	12.666	314972	2.391 ug/ml
11) T n-Heneicosane (C21)	13.270	110239	0.864 ug/ml
13) T n-Docosane (C22)	13.858	234076	1.874 ug/ml
14) T n-Tetracosane (C24)	14.949	979131	8.114 ug/ml
15) T n-Hexacosane (C26)	15.985	338964	2.933 ug/ml
16) T n-Octacosane (C28)	16.944	585457	5.223 ug/ml
17) T n-Tricontane (C30)	17.825	297966	2.602 ug/ml
19) T n-Tetratriacontane (C34)	19.444	126637	1.244 ug/ml
20) T n-Hexatriacontane (C36)	20.185	59570	0.668 ug/ml
21) T n-Octatriacontane (C38)	20.956	262794	3.267 ug/ml

(f)=RT Delta > 1/2 Window

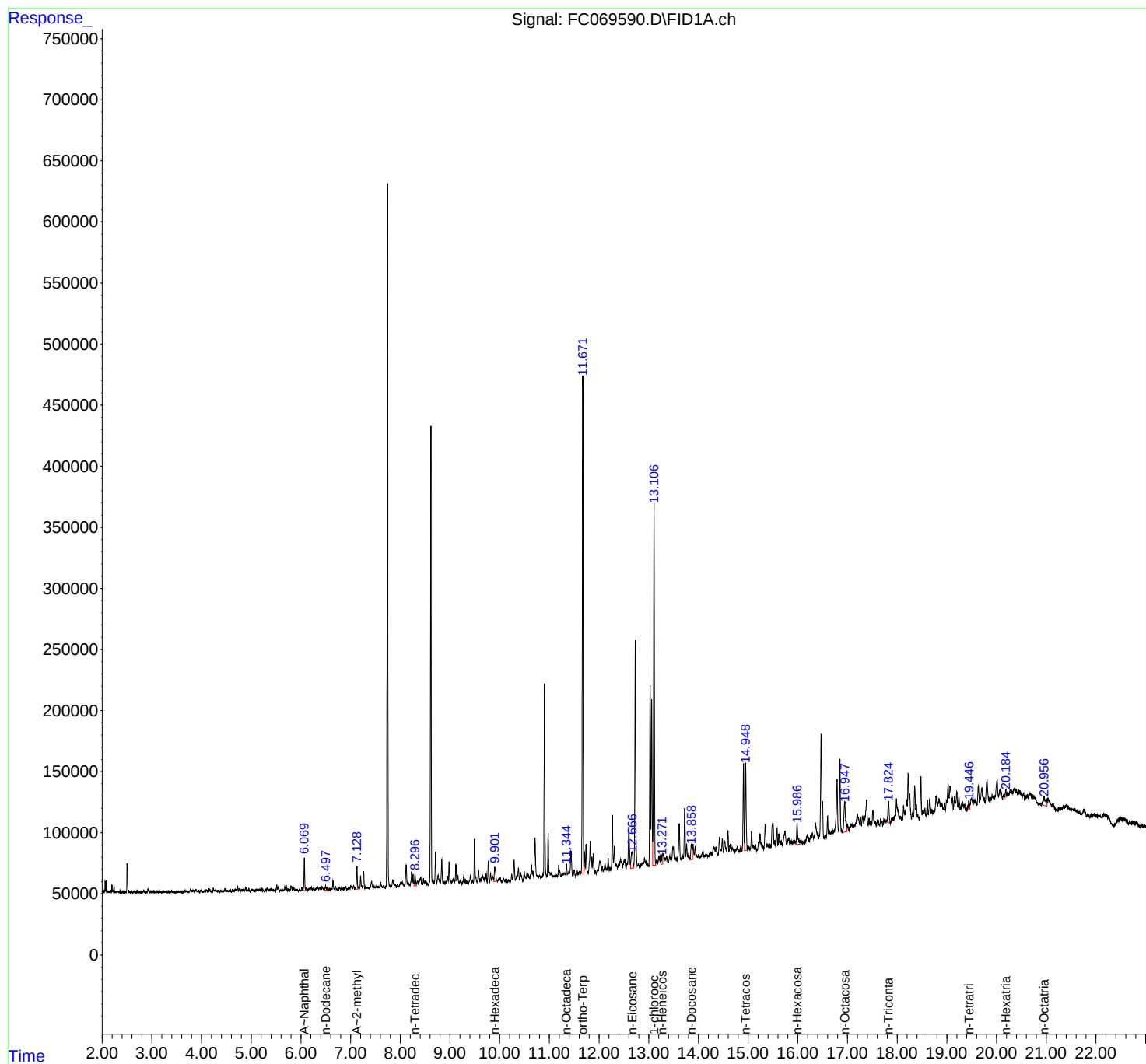
(m)=manual int.

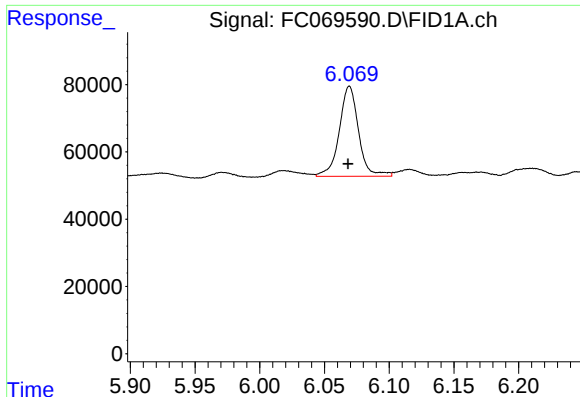
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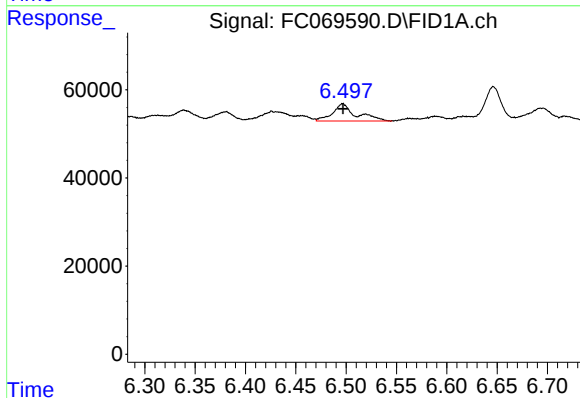




#3 A~Naphthalene (C11.7)

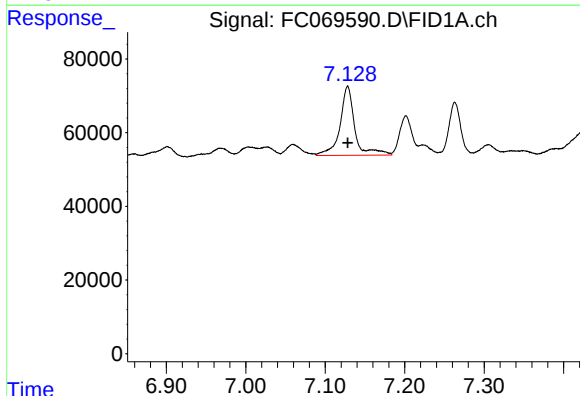
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 277064
Conc: 1.79 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPH



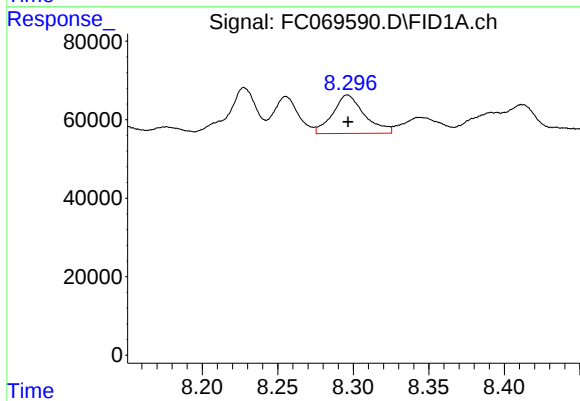
#4 n-Dodecane (C12)

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 63538
Conc: 0.43 ug/ml



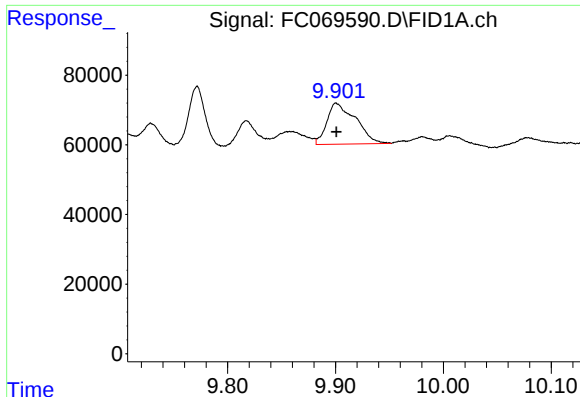
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 241627
Conc: 1.64 ug/ml



#6 n-Tetradecane (C14)

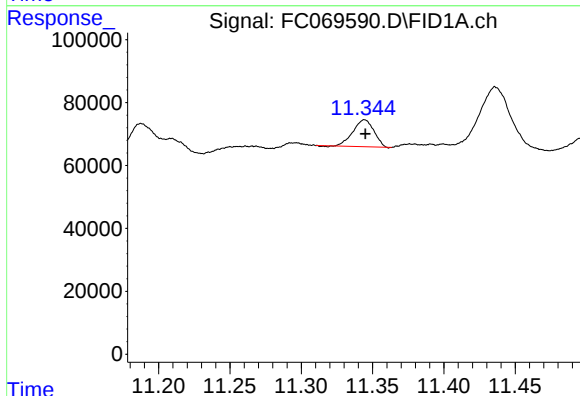
R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 144271
Conc: 1.01 ug/ml



#7 n-Hexadecane (C16)

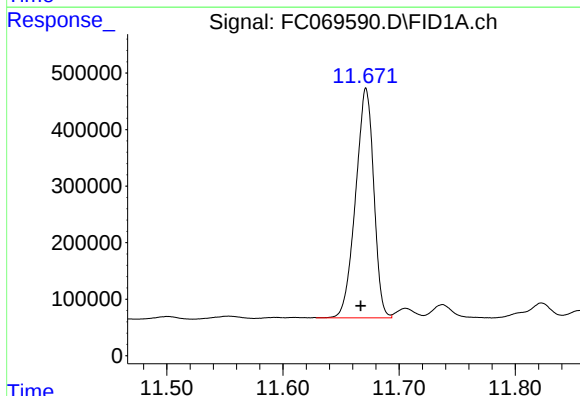
R.T.: 9.901 min
Delta R.T.: 0.000 min
Response: 218455
Conc: 1.52 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPH



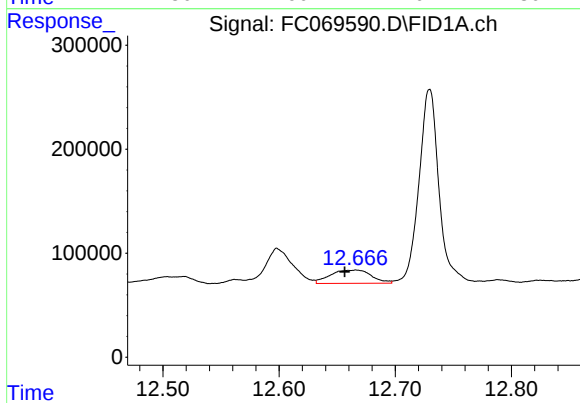
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 86667
Conc: 0.61 ug/ml



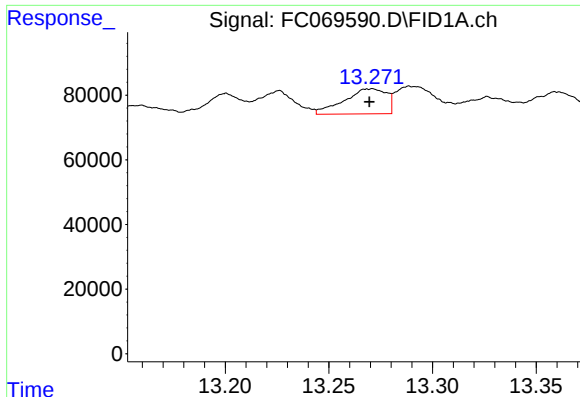
#9 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: 0.004 min
Response: 4406061
Conc: 29.53 ug/ml



#10 n-Eicosane (C20)

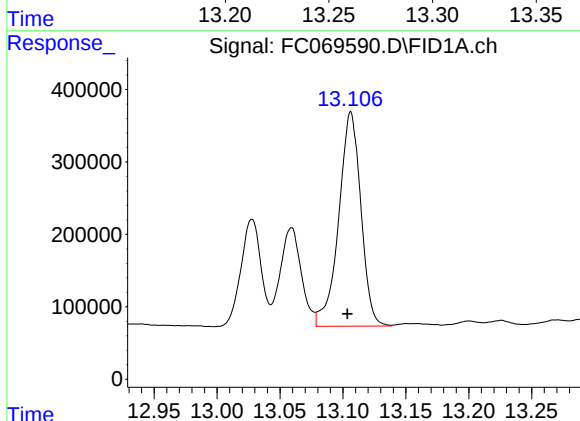
R.T.: 12.666 min
Delta R.T.: 0.009 min
Response: 314972
Conc: 2.39 ug/ml



#11 n-Heneicosane (C21)

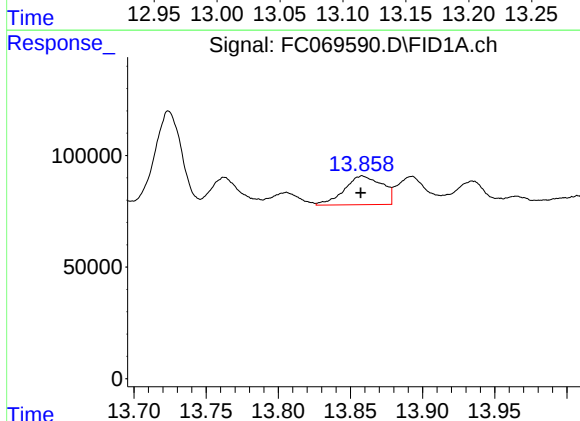
R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 110239
Conc: 0.86 ug/ml

Instrument :
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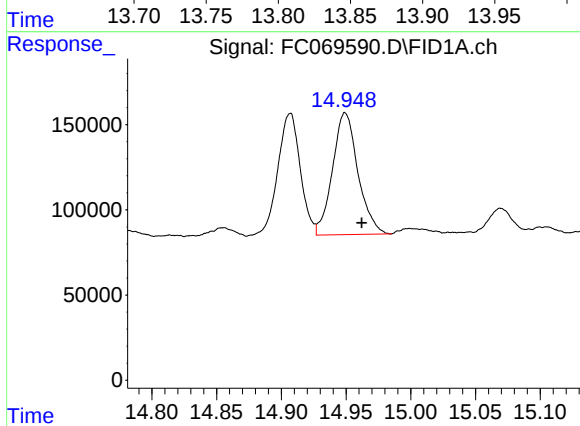
#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: 0.003 min
Response: 3626346
Conc: 33.26 ug/ml



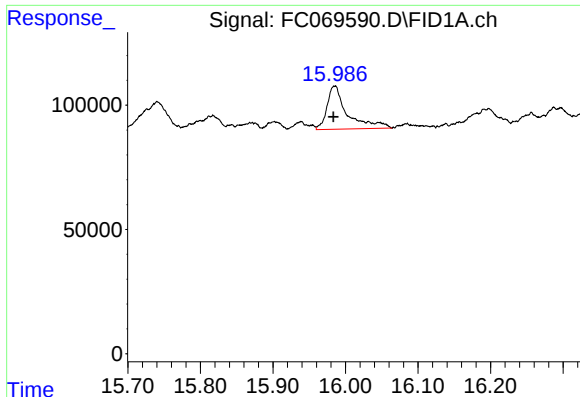
#13 n-Docosane (C22)

R.T.: 13.858 min
Delta R.T.: 0.001 min
Response: 234076
Conc: 1.87 ug/ml



#14 n-Tetracosane (C24)

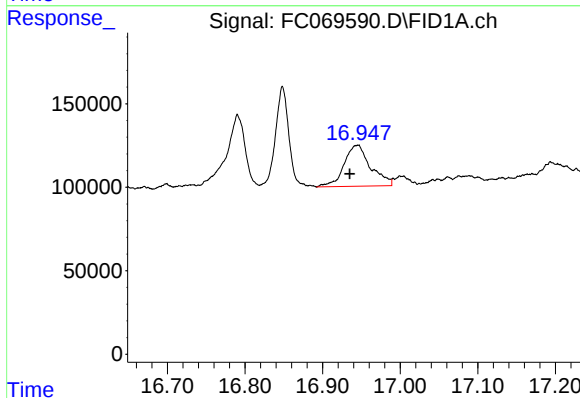
R.T.: 14.949 min
Delta R.T.: -0.013 min
Response: 979131
Conc: 8.11 ug/ml



#15 n-Hexacosane (C26)

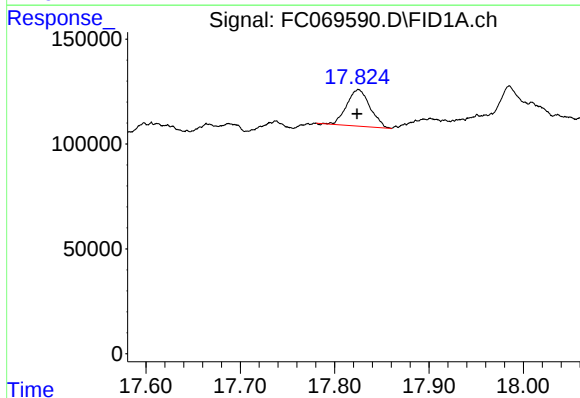
R.T.: 15.985 min
Delta R.T.: 0.001 min
Response: 338964
Conc: 2.93 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPH



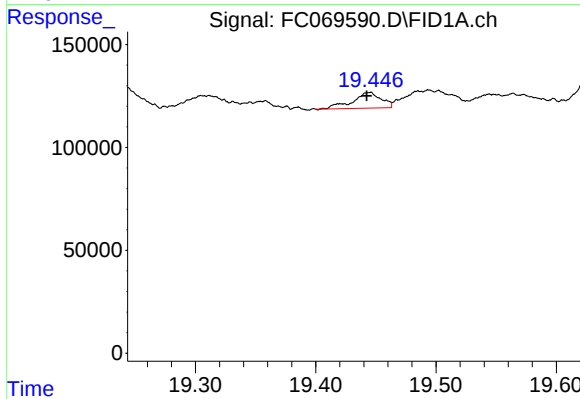
#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: 0.009 min
Response: 585457
Conc: 5.22 ug/ml



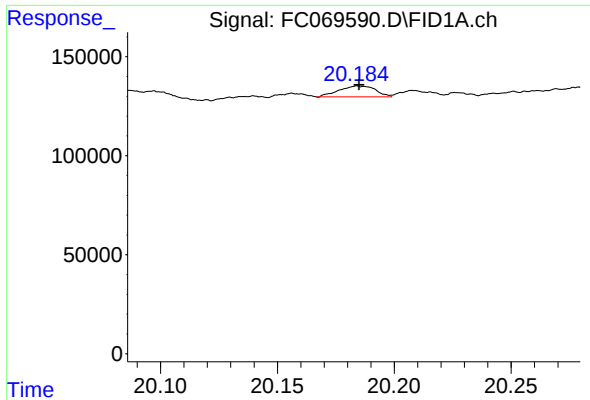
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: 0.001 min
Response: 297966
Conc: 2.60 ug/ml



#19 n-Tetratriacontane (C34)

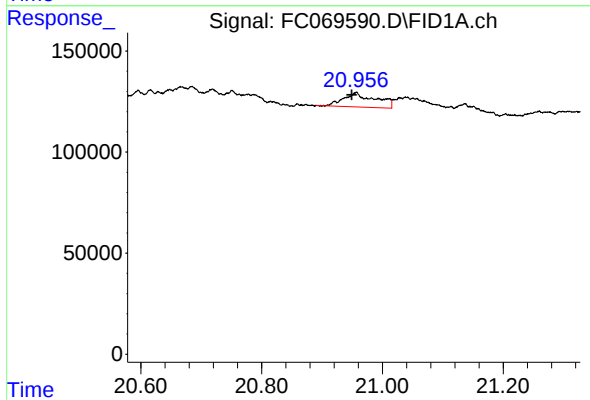
R.T.: 19.444 min
Delta R.T.: 0.002 min
Response: 126637
Conc: 1.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: 0.000 min
Response: 59570
Conc: 0.67 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-1-EPH



#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: 0.007 min
Response: 262794
Conc: 3.27 ug/ml