

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061325AL\
 Data File : FC069212.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 16:38
 Operator : YP/AJ
 Sample : Q2308-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EO-02-06122025-E2

Integration File: autoint1.e
 Quant Time: Jun 13 23:09:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.713	71867	0.583 ug/ml
Spiked Amount 50.000		Recovery =	1.17%
12) S 1-chlorooctadecane (S...	13.116	2431768	27.106 ug/ml
Spiked Amount 50.000		Recovery =	54.21%
Target Compounds			
1) T n-Nonane (C9)	3.403	39762	0.375 ug/ml
2) T n-Decane (C10)	4.524	32978	0.311 ug/ml
3) T A~Naphthalene (C11.7)	6.123	161388	1.396 ug/ml
4) T n-Dodecane (C12)	6.507	808575	7.692 ug/ml
5) T A~2-methylnaphthalene...	7.170	183808	1.621 ug/ml
6) T n-Tetradecane (C14)	8.353	136584	1.332 ug/ml
7) T n-Hexadecane (C16)	9.911	446121	4.397 ug/ml
8) T n-Octadecane (C18)	11.356	129122	1.292 ug/ml
10) T n-Eicosane (C20)	12.668	137835	1.415 ug/ml
11) T n-Heneicosane (C21)	13.283	53549	0.556 ug/ml
13) T n-Docosane (C22)	13.897	65763	0.690 ug/ml
14) T n-Tetracosane (C24)	14.953	149333	1.586 ug/ml
15) T n-Hexacosane (C26)	16.029	26323	0.284 ug/ml
16) T n-Octacosane (C28)	16.983	114301	1.230 ug/ml
17) T n-Tricontane (C30)	17.843	164128	1.696 ug/ml
18) T n-Dotriacontane (C32)	18.685	108044	1.090 ug/ml
19) T n-Tetratriacontane (C34)	19.462	21519	0.223 ug/ml
20) T n-Hexatriacontane (C36)	20.213	138293	1.457 ug/ml
21) T n-Octatriacontane (C38)	20.977	1122503	12.303 ug/ml
22) T n-Tetracontane (C40)	21.944	261696	2.966 ug/ml

(f)=RT Delta > 1/2 Window

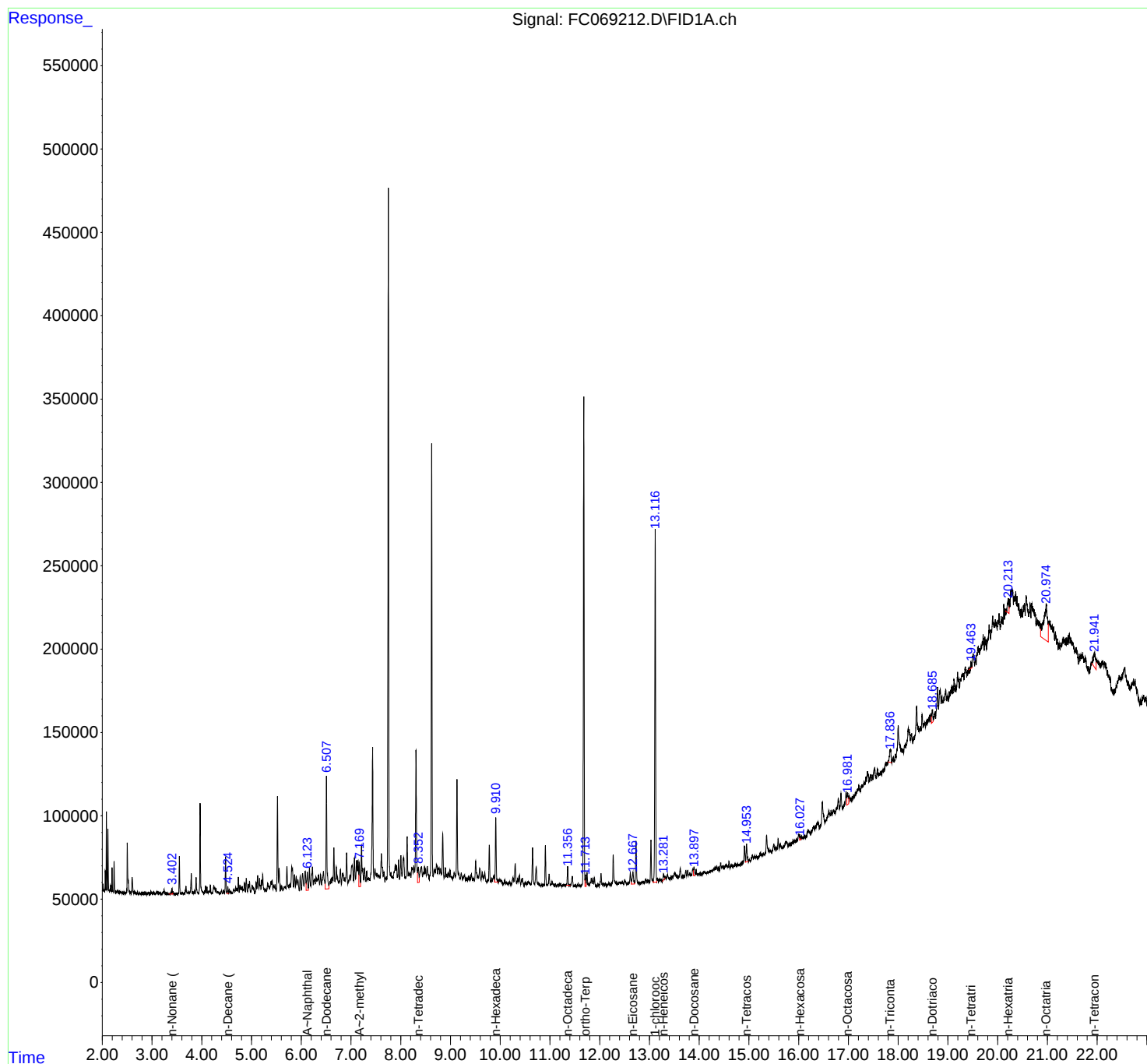
(m)=manual int.

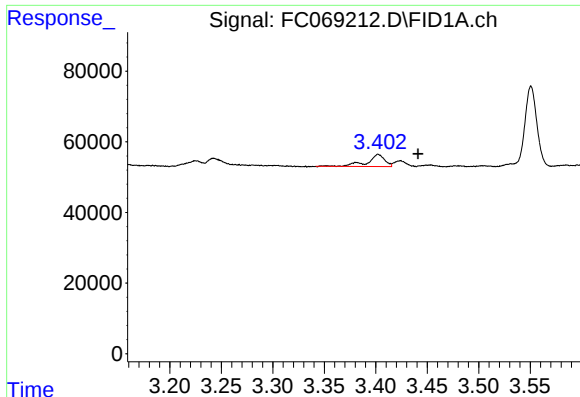
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061325AL\
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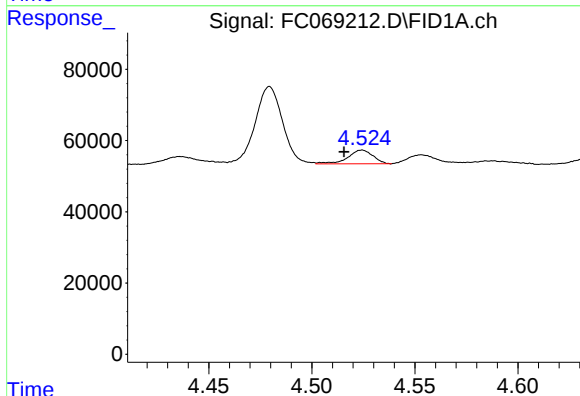




#1 n-Nonane (C9)

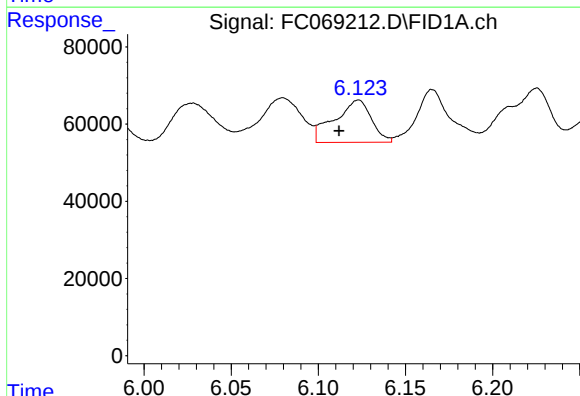
R.T.: 3.403 min
Delta R.T.: -0.038 min
Response: 39762
Conc: 0.37 ug/ml

Instrument :
FID_C
ClientSampleId :
EO-02-06122025-E2



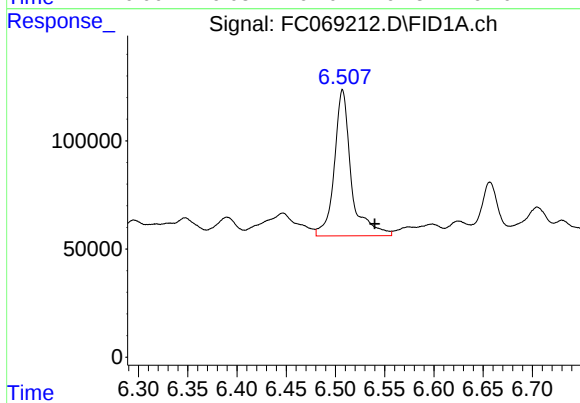
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.009 min
Response: 32978
Conc: 0.31 ug/ml



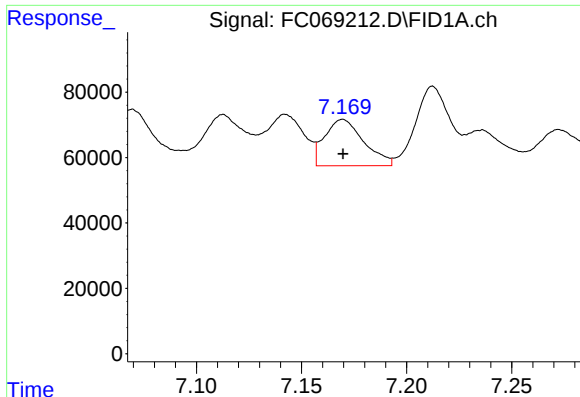
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.011 min
Response: 161388
Conc: 1.40 ug/ml



#4 n-Dodecane (C12)

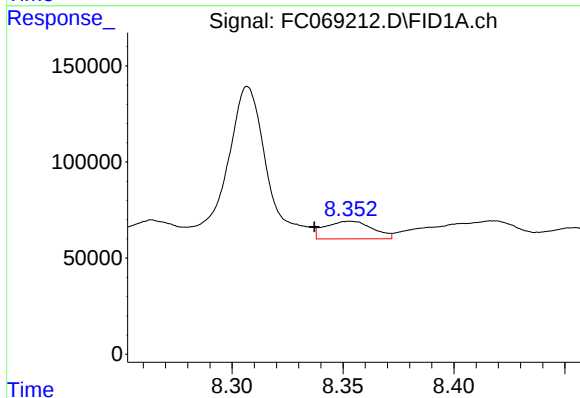
R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 808575
Conc: 7.69 ug/ml



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

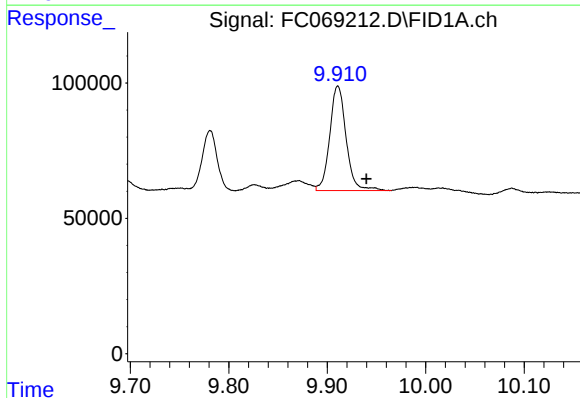
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 183808
Conc: 1.62 ug/ml

Instrument :
FID_C
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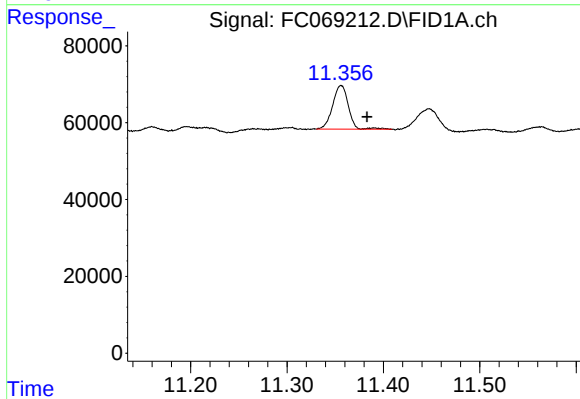
#6 n-Tetradecane (C14)

R.T.: 8.353 min
Delta R.T.: 0.016 min
Response: 136584
Conc: 1.33 ug/ml



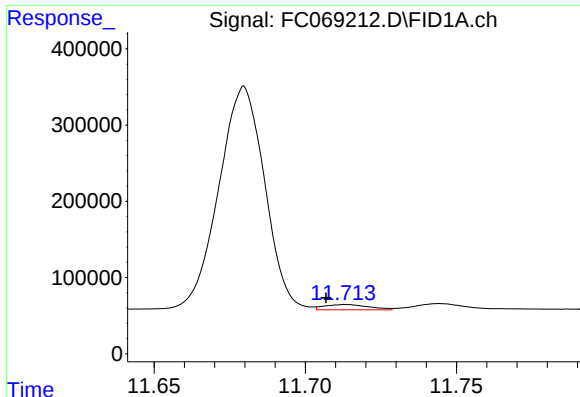
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 446121
Conc: 4.40 ug/ml



#8 n-Octadecane (C18)

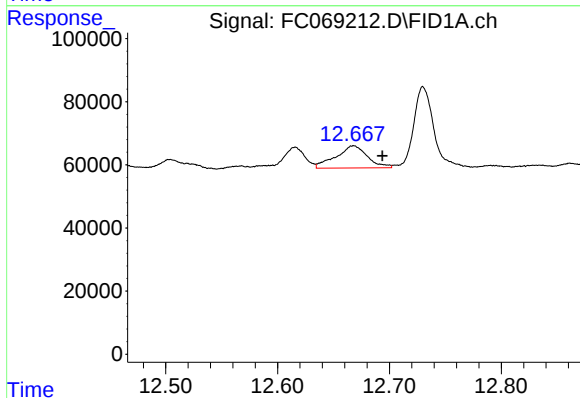
R.T.: 11.356 min
Delta R.T.: -0.027 min
Response: 129122
Conc: 1.29 ug/ml



#9 ortho-Terphenyl (SURR)

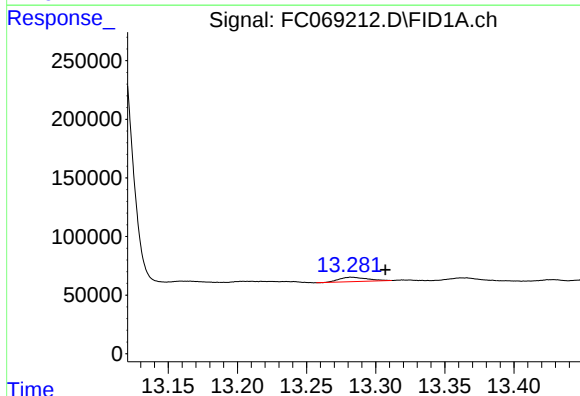
R.T.: 11.713 min
Delta R.T.: 0.006 min
Response: 71867
Conc: 0.58 ug/ml

Instrument :
FID_C
ClientSampleId :
EO-02-06122025-E2



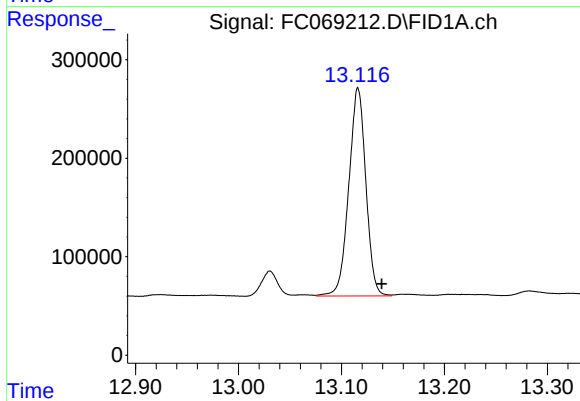
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.026 min
Response: 137835
Conc: 1.42 ug/ml



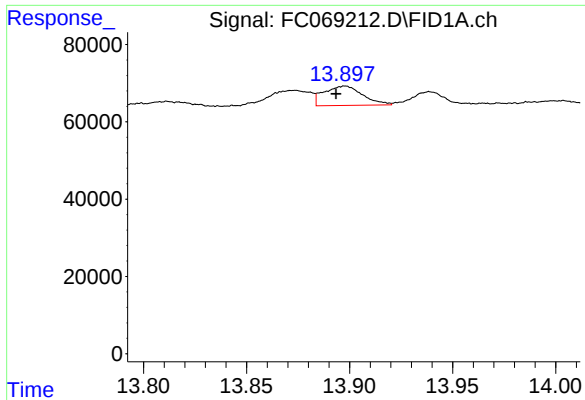
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.024 min
Response: 53549
Conc: 0.56 ug/ml



#12 1-chlorooctadecane (SURR)

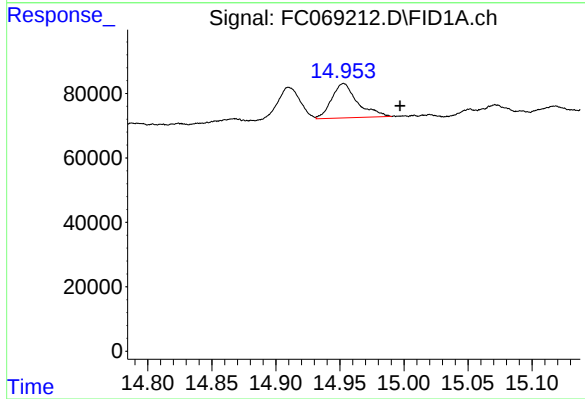
R.T.: 13.116 min
Delta R.T.: -0.023 min
Response: 2431768
Conc: 27.11 ug/ml



#13 n-Docosane (C22)

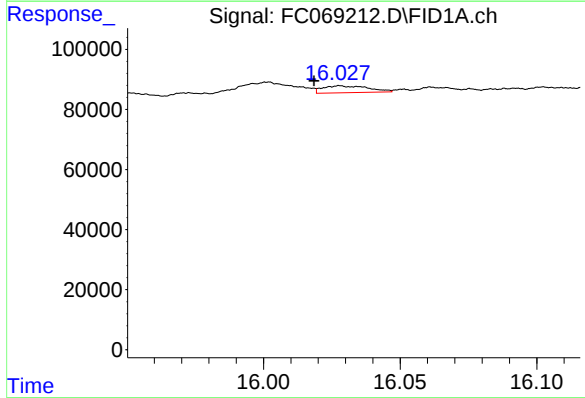
R.T.: 13.897 min
Delta R.T.: 0.004 min
Response: 65763
Conc: 0.69 ug/ml

Instrument :
FID_C
ClientSampleId :
EO-02-06122025-E2



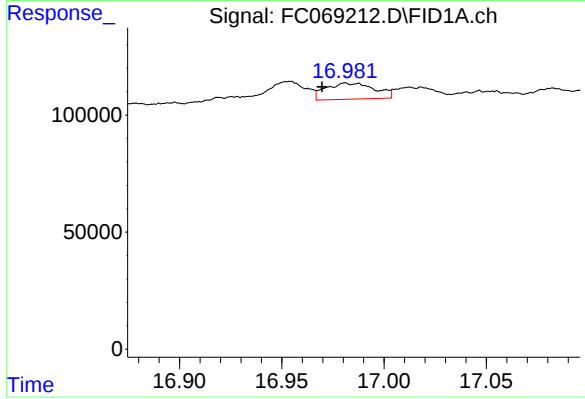
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.044 min
Response: 149333
Conc: 1.59 ug/ml



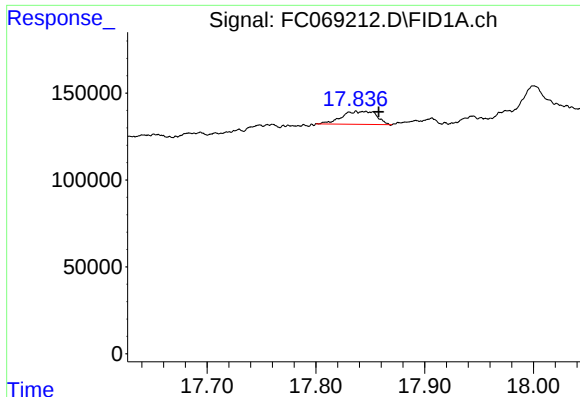
#15 n-Hexacosane (C26)

R.T.: 16.029 min
Delta R.T.: 0.010 min
Response: 26323
Conc: 0.28 ug/ml



#16 n-Octacosane (C28)

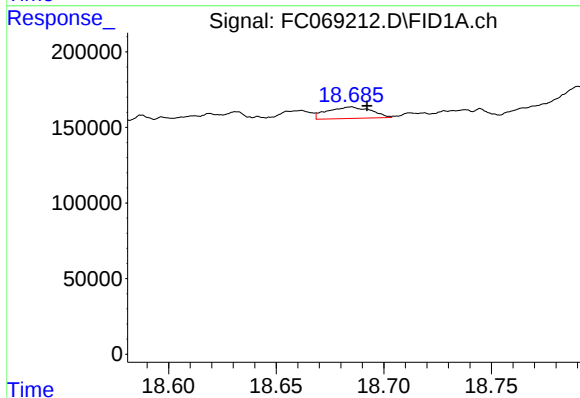
R.T.: 16.983 min
Delta R.T.: 0.014 min
Response: 114301
Conc: 1.23 ug/ml



#17 n-Tricontane (C30)

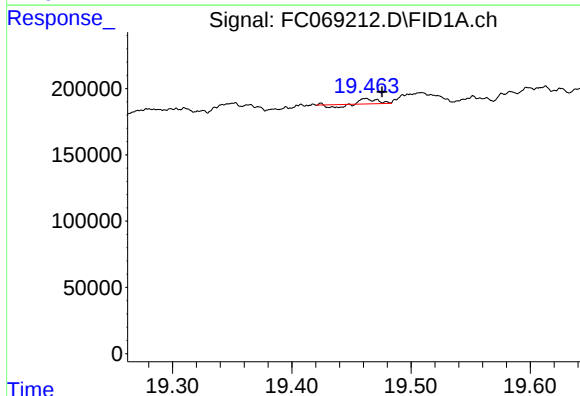
R.T.: 17.843 min
Delta R.T.: -0.015 min
Response: 164128
Conc: 1.70 ug/ml

Instrument :
FID_C
ClientSampleId :
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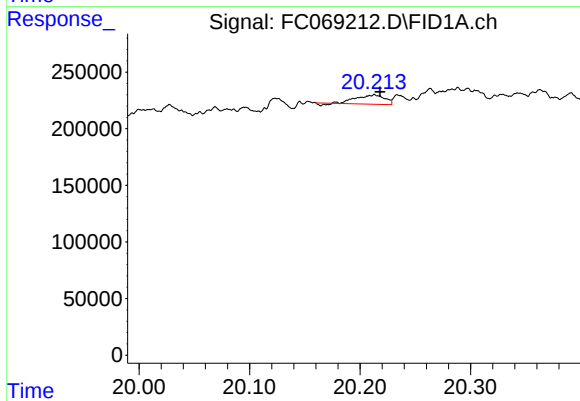
#18 n-Dotriacontane (C32)

R.T.: 18.685 min
Delta R.T.: -0.008 min
Response: 108044
Conc: 1.09 ug/ml



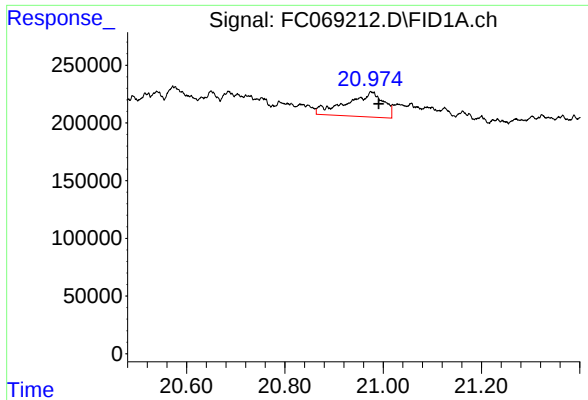
#19 n-Tetratriacontane (C34)

R.T.: 19.462 min
Delta R.T.: -0.014 min
Response: 21519
Conc: 0.22 ug/ml



#20 n-Hexatriacontane (C36)

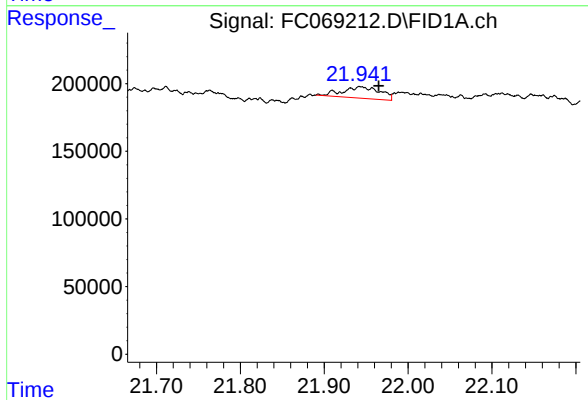
R.T.: 20.213 min
Delta R.T.: -0.005 min
Response: 138293
Conc: 1.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.977 min
Delta R.T.: -0.014 min
Response: 1122503
Conc: 12.30 ug/ml

Instrument :
FID_C
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EO-02-06122025-E2



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: -0.021 min
Response: 261696
Conc: 2.97 ug/ml