

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
 Data File : FC069538.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2025 17:58
 Operator : YP/AJ
 Sample : Q2689-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-03-07232025-E2

Integration File: autoint1.e
 Quant Time: Jul 25 22:58:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.676	4054089	27.318 ug/ml
Spiked Amount 50.000		Recovery =	54.64%
12) S 1-chlorooctadecane (S...	13.113	3738145	33.078 ug/ml
Spiked Amount 50.000		Recovery =	66.16%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.073	73282	0.485 ug/ml
5) T A~2-methylnaphthalene...	7.133	65144	0.446 ug/ml
6) T n-Tetradecane (C14)	8.295	66758	0.470 ug/ml
7) T n-Hexadecane (C16)	9.906	111590	0.765 ug/ml
8) T n-Octadecane (C18)	11.350	49139	0.342 ug/ml
10) T n-Eicosane (C20)	12.657	320007	2.384 ug/ml
11) T n-Heneicosane (C21)	13.298	289237	2.227 ug/ml
13) T n-Docosane (C22)	13.864	175433	1.381 ug/ml
14) T n-Tetracosane (C24)	14.958	1751272	14.348 ug/ml
15) T n-Hexacosane (C26)	16.015	204500	1.760 ug/ml
16) T n-Octacosane (C28)	16.961	660565	5.966 ug/ml
17) T n-Tricontane (C30)	17.838	229061	2.092 ug/ml
18) T n-Dotriacontane (C32)	18.668	118649	1.143 ug/ml
19) T n-Tetratriacontane (C34)	19.501f	211214	2.242 ug/ml
20) T n-Hexatriacontane (C36)	20.169	132594	1.605 ug/ml
21) T n-Octatriacontane (C38)	20.930	159159	2.095 ug/ml
22) T n-Tetracontane (C40)	21.873	93751	1.280 ug/ml

(f)=RT Delta > 1/2 Window

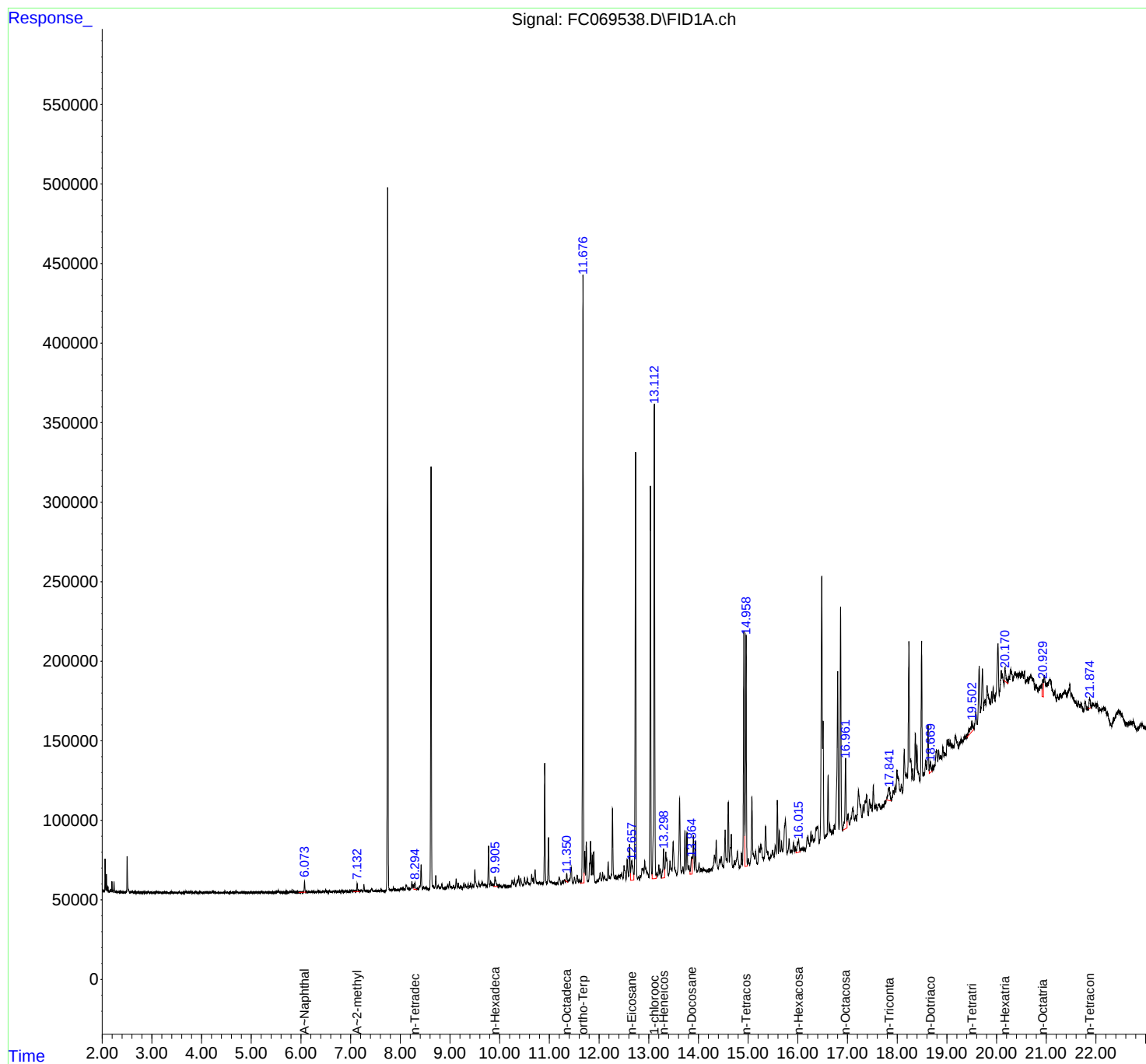
(m)=manual int.

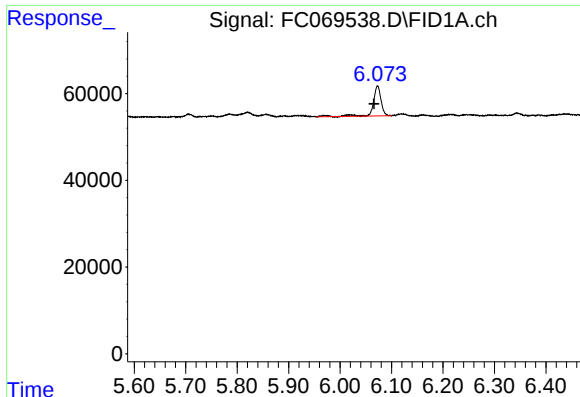
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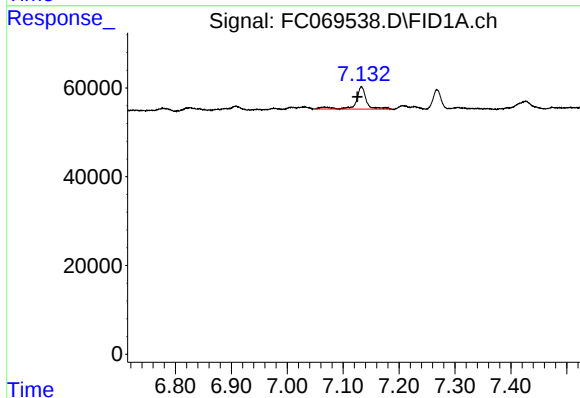




#3 A~Naphthalene (C11.7)

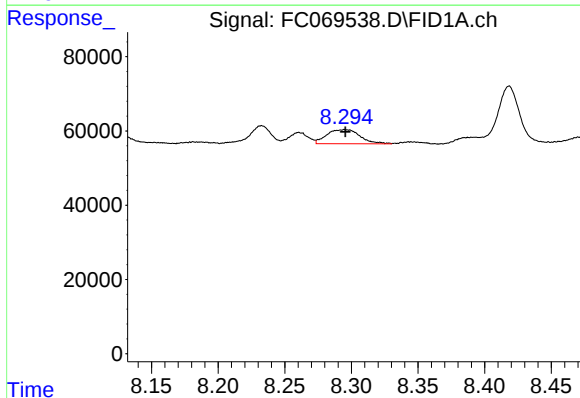
R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 73282
Conc: 0.48 ug/ml

Instrument :
FID_C
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OR-03-07232025-E2



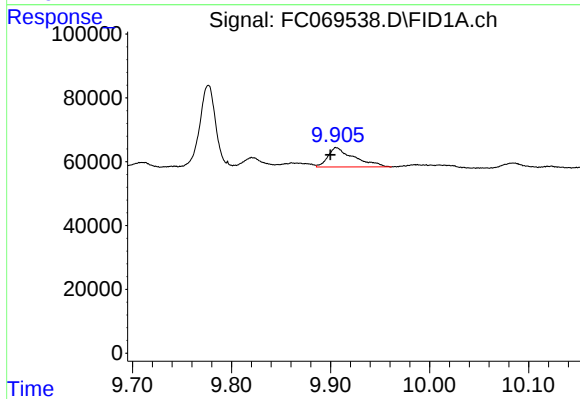
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: 0.007 min
Response: 65144
Conc: 0.45 ug/ml



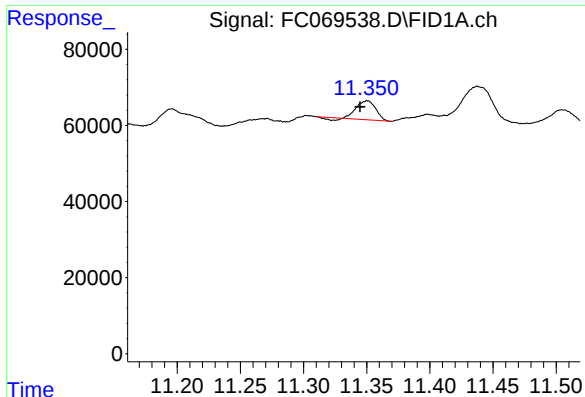
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 66758
Conc: 0.47 ug/ml



#7 n-Hexadecane (C16)

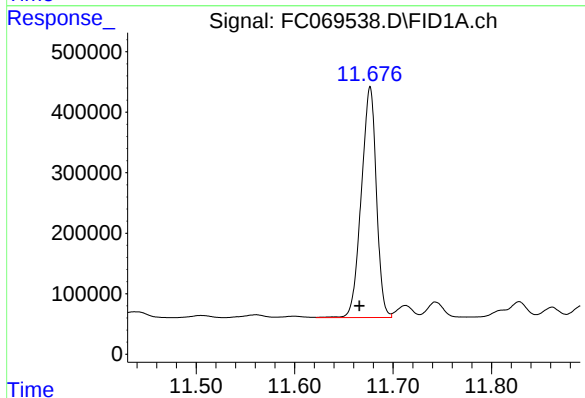
R.T.: 9.906 min
Delta R.T.: 0.006 min
Response: 111590
Conc: 0.76 ug/ml



#8 n-Octadecane (C18)

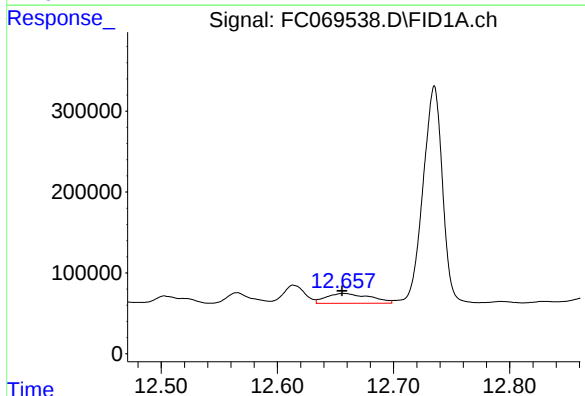
R.T.: 11.350 min
Delta R.T.: 0.005 min
Response: 49139
Conc: 0.34 ug/ml

Instrument :
FID_C
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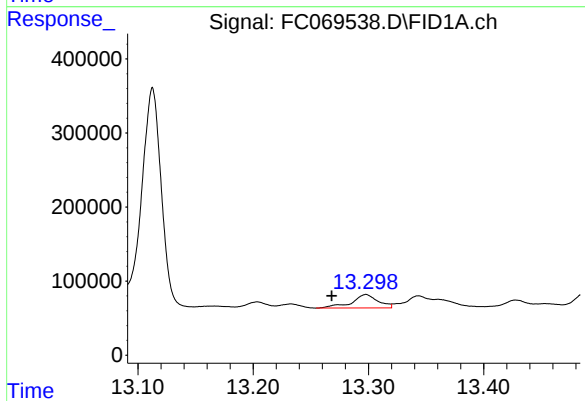
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.011 min
Response: 4054089
Conc: 27.32 ug/ml



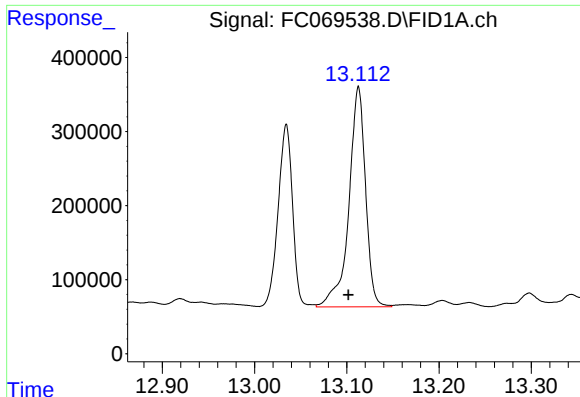
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.001 min
Response: 320007
Conc: 2.38 ug/ml



#11 n-Heneicosane (C21)

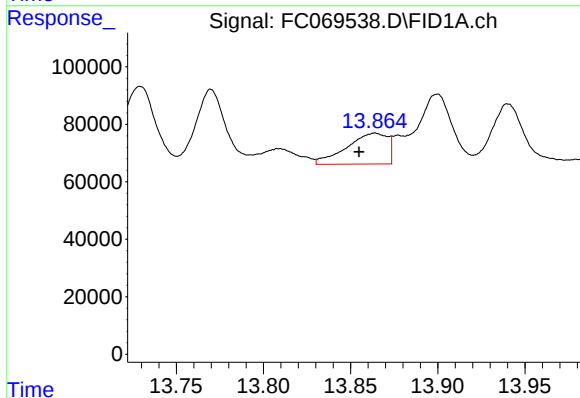
R.T.: 13.298 min
Delta R.T.: 0.030 min
Response: 289237
Conc: 2.23 ug/ml



#12 1-chlorooctadecane (SURR)

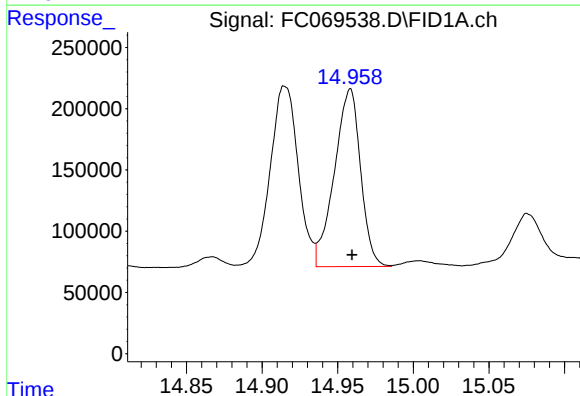
R.T.: 13.113 min
Delta R.T.: 0.011 min
Response: 3738145
Conc: 33.08 ug/ml

Instrument :
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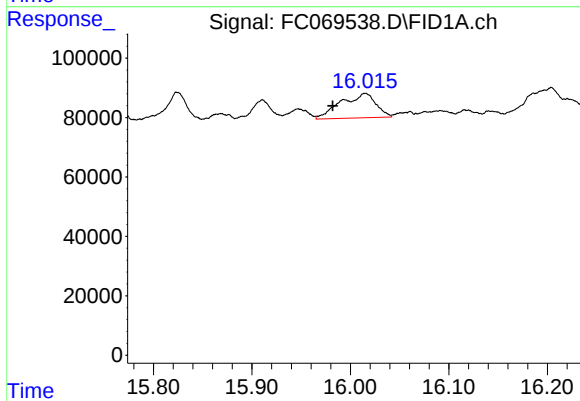
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: 0.009 min
Response: 175433
Conc: 1.38 ug/ml



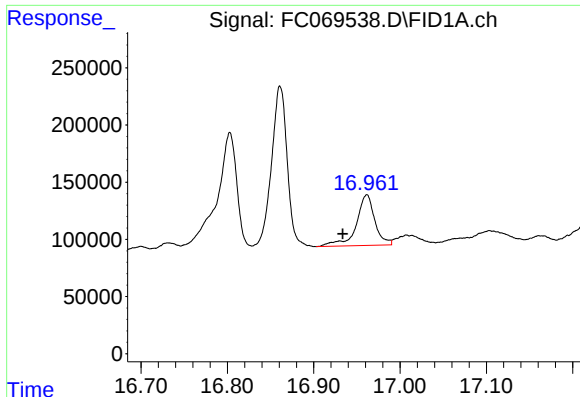
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.002 min
Response: 1751272
Conc: 14.35 ug/ml



#15 n-Hexacosane (C26)

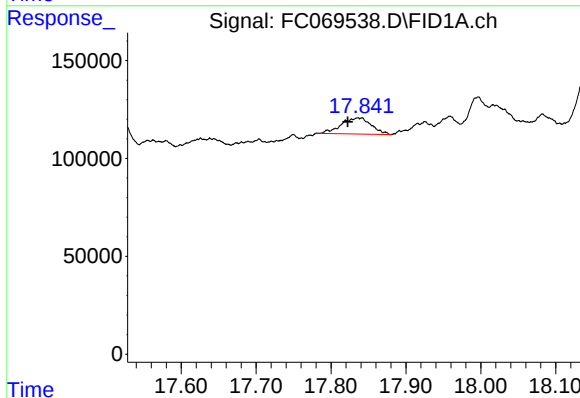
R.T.: 16.015 min
Delta R.T.: 0.033 min
Response: 204500
Conc: 1.76 ug/ml



#16 n-Octacosane (C28)

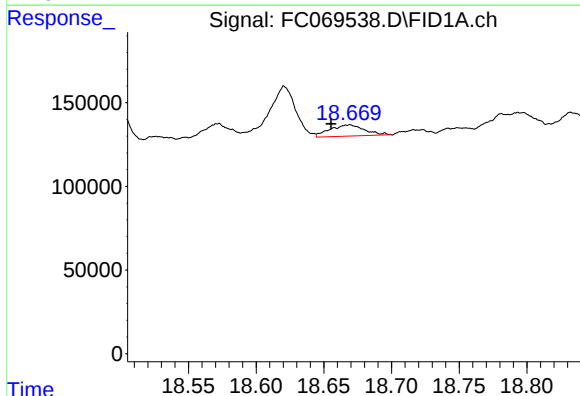
R.T.: 16.961 min
Delta R.T.: 0.028 min
Response: 660565
Conc: 5.97 ug/ml

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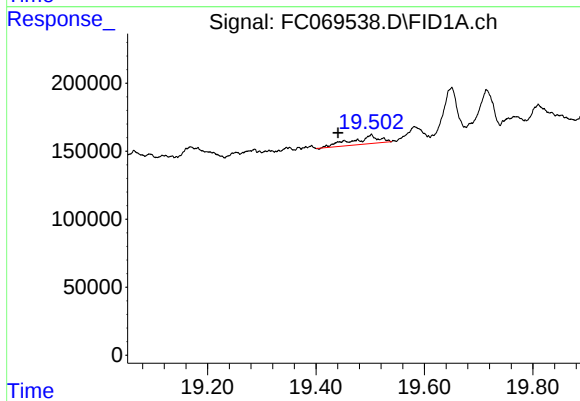
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: 0.015 min
Response: 229061
Conc: 2.09 ug/ml



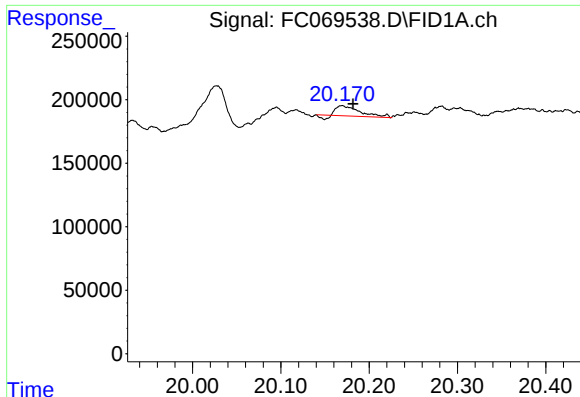
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: 0.013 min
Response: 118649
Conc: 1.14 ug/ml



#19 n-Tetratriacontane (C34)

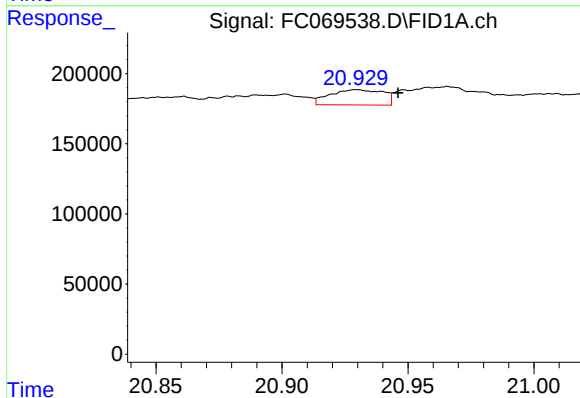
R.T.: 19.501 min
Delta R.T.: 0.061 min
Response: 211214
Conc: 2.24 ug/ml



#20 n-Hexatriacontane (C36)

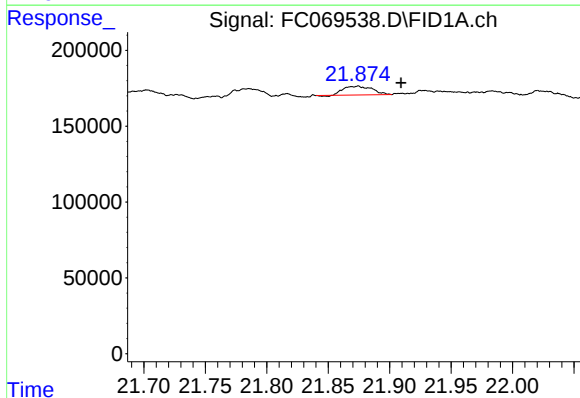
R.T.: 20.169 min
Delta R.T.: -0.012 min
Response: 132594
Conc: 1.61 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: -0.016 min
Response: 159159
Conc: 2.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.036 min
Response: 93751
Conc: 1.28 ug/ml