

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120623AL\
 Data File : FC065348.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2023 09:29
 Operator : YP/AJ
 Sample : 05617-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 07 00:04:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 2023
 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)	11.504	6278581	27.062 ug/ml
Spiked Amount 50.000		Recovery =	54.12%
12) S 1-chlorooctadecane (S...	12.937	5048273	30.487 ug/ml
Spiked Amount 50.000		Recovery =	60.97%
Target Compounds			
6) T n-Tetradecane (C14)	8.161	82429	0.415 ug/ml
7) T n-Hexadecane (C16)	9.752	141296	0.713 ug/ml
8) T n-Octadecane (C18)	11.190	173885	0.878 ug/ml
10) T n-Eicosane (C20)	12.492	274758	1.452 ug/ml
11) T n-Heneicosane (C21)	13.103	331214	1.793 ug/ml
13) T n-Docosane (C22)	13.684	556369	3.084 ug/ml
14) T n-Tetracosane (C24)	14.784	436113	2.515 ug/ml
15) T n-Hexacosane (C26)	15.804	594077	3.568 ug/ml
16) T n-Octacosane (C28)	16.759	1437563	8.988 ug/ml
17) T n-Tricontane (C30)	17.634	1406110	8.831 ug/ml
18) T n-Dotriacontane (C32)	18.467	1184908	7.537 ug/ml
19) T n-Tetratriacontane (C34)	19.260	1795607	11.636 ug/ml
20) T n-Hexatriacontane (C36)	19.963	481409	3.141 ug/ml
21) T n-Octatriacontane (C38)	20.710	1029579	6.771 ug/ml
22) T n-Tetracontane (C40)	21.537	531319	3.544 ug/ml

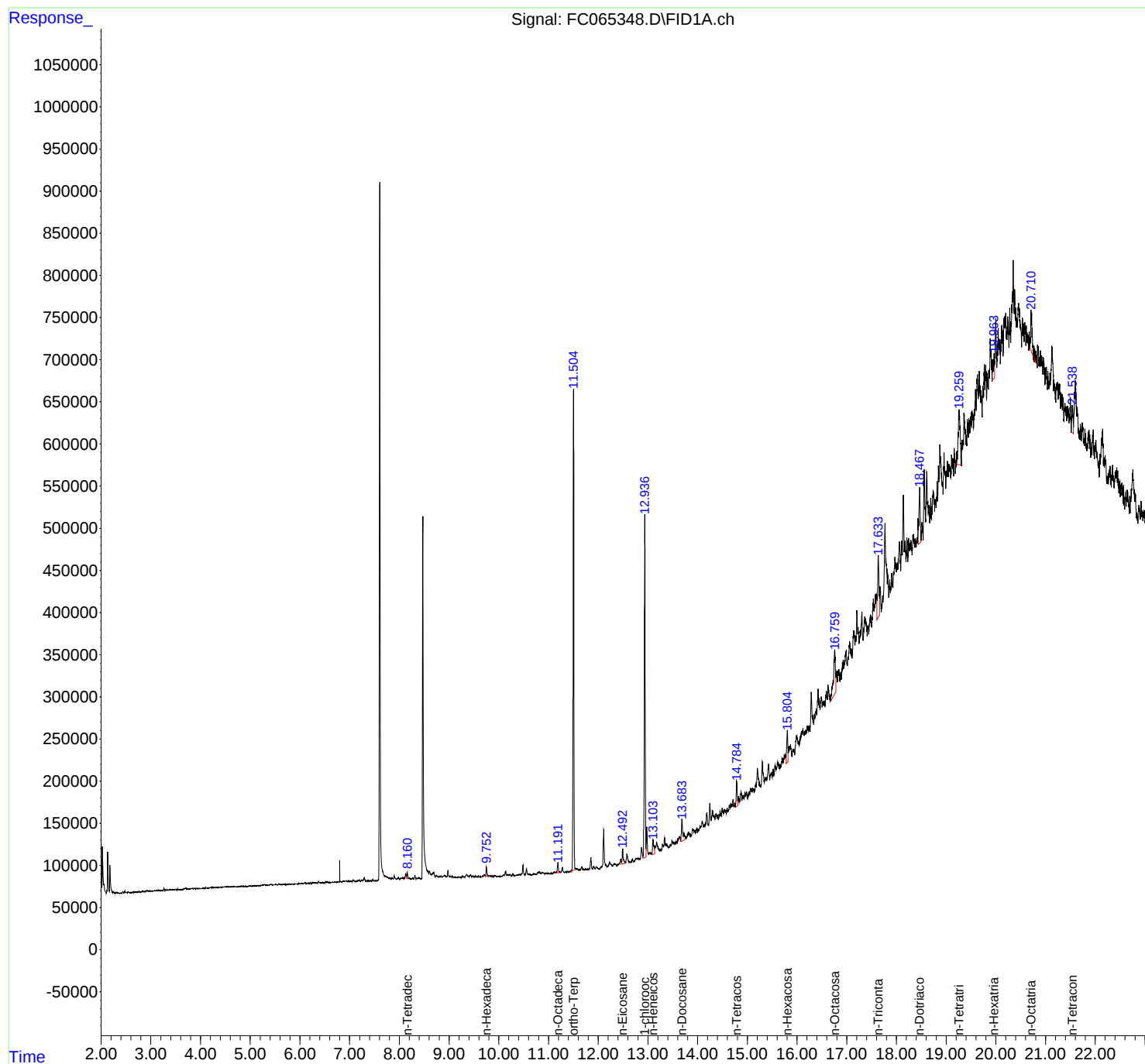
(f)=RT Delta > 1/2 Window

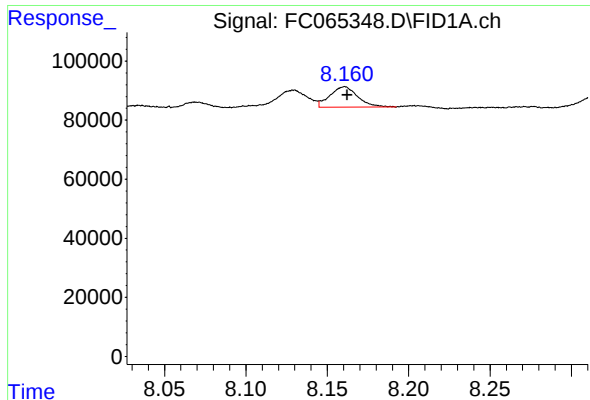
(m)=manual int.

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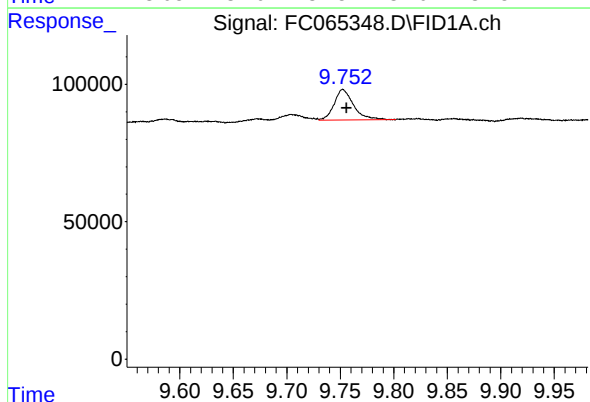
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Signal Info : 20M x 0.18mm x 0.18um





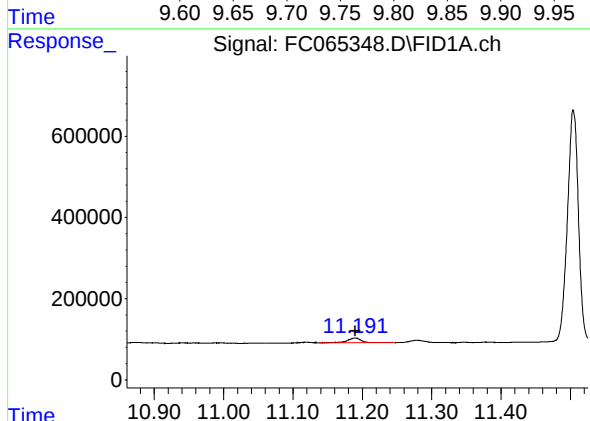
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.002 min
Response: 82429
Conc: 0.41 ug/ml



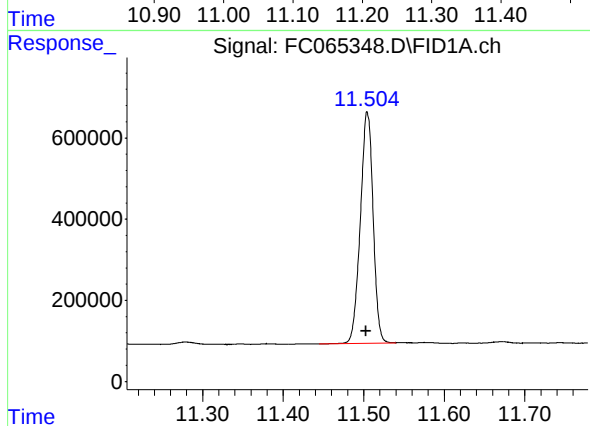
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 141296
Conc: 0.71 ug/ml



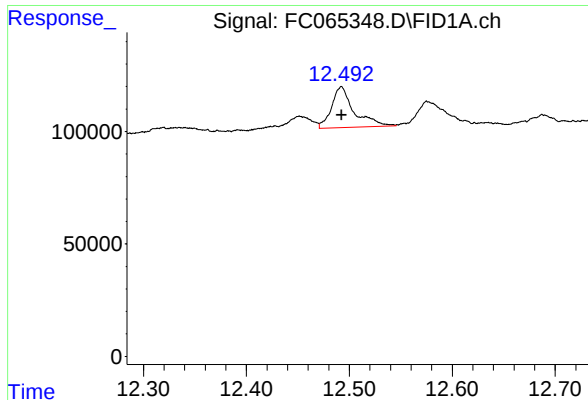
#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 173885
Conc: 0.88 ug/ml



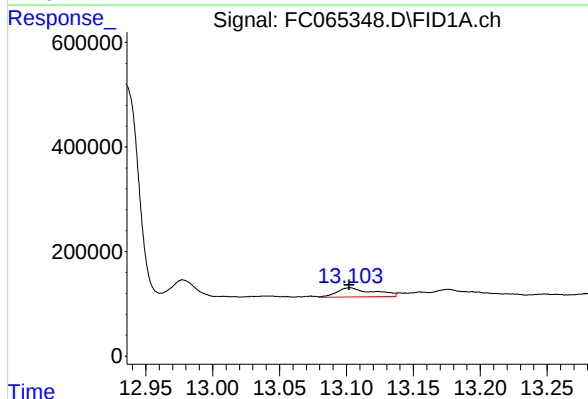
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.001 min
Response: 6278581
Conc: 27.06 ug/ml



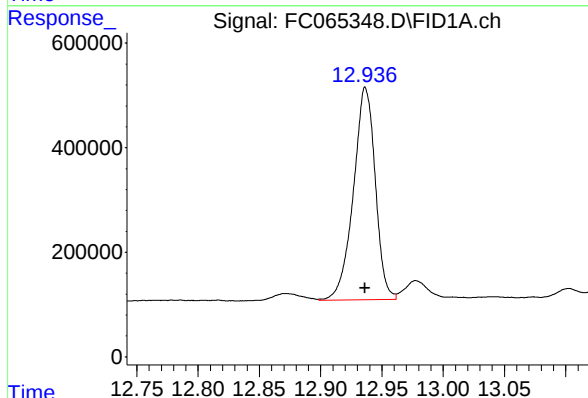
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 274758
Conc: 1.45 ug/ml



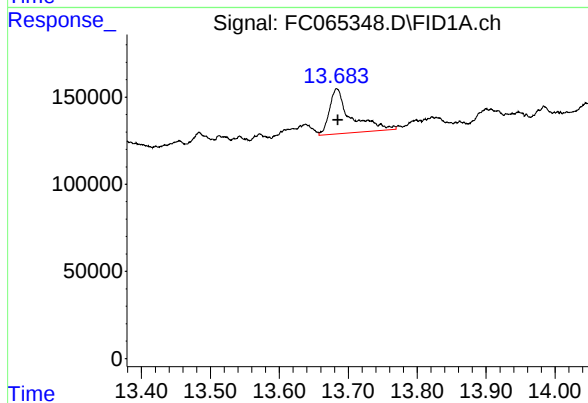
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 331214
Conc: 1.79 ug/ml



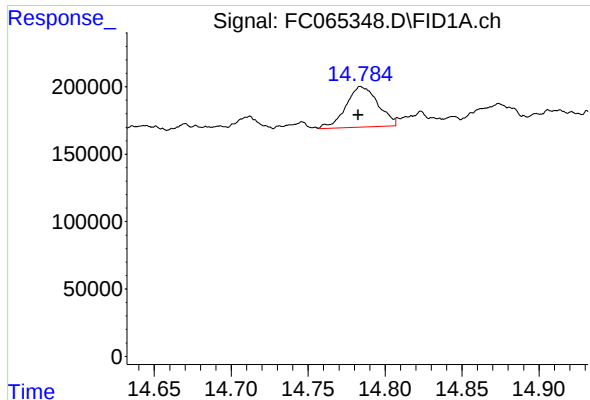
#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 5048273
Conc: 30.49 ug/ml



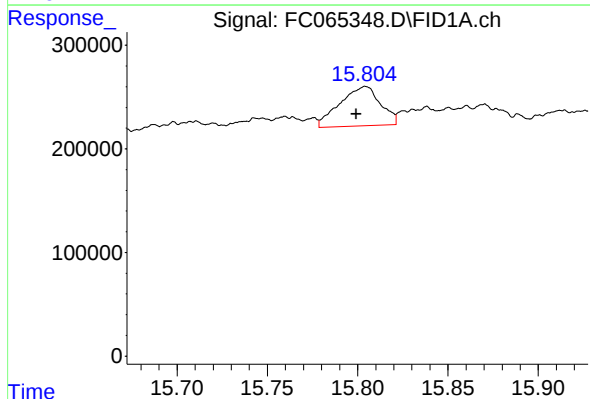
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 556369
Conc: 3.08 ug/ml



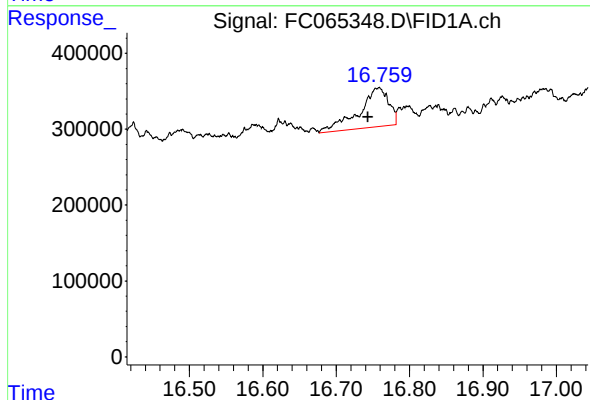
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: 0.002 min
Response: 436113
Conc: 2.52 ug/ml



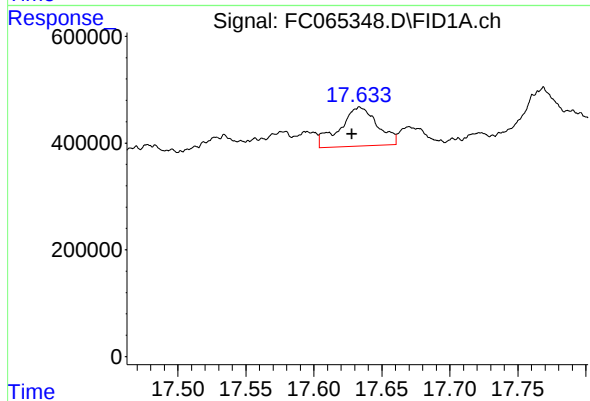
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.005 min
Response: 594077
Conc: 3.57 ug/ml



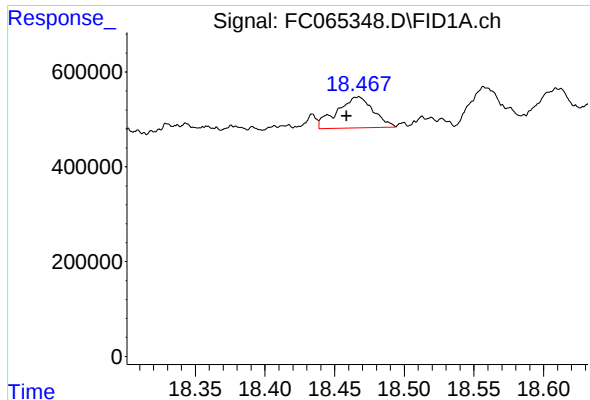
#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: 0.015 min
Response: 1437563
Conc: 8.99 ug/ml



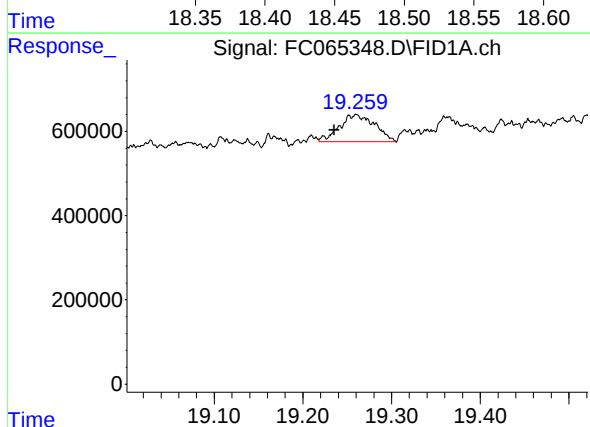
#17 n-Tricontane (C30)

R.T.: 17.634 min
Delta R.T.: 0.006 min
Response: 1406110
Conc: 8.83 ug/ml



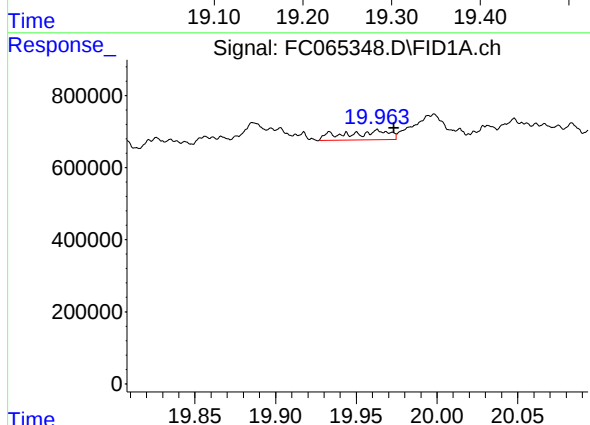
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: 0.008 min
Response: 1184908
Conc: 7.54 ug/ml



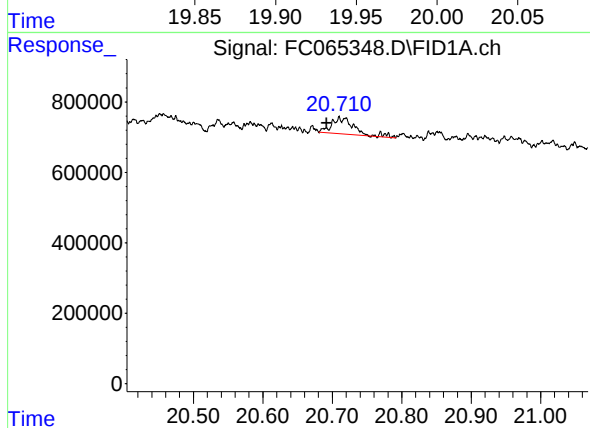
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.025 min
Response: 1795607
Conc: 11.64 ug/ml



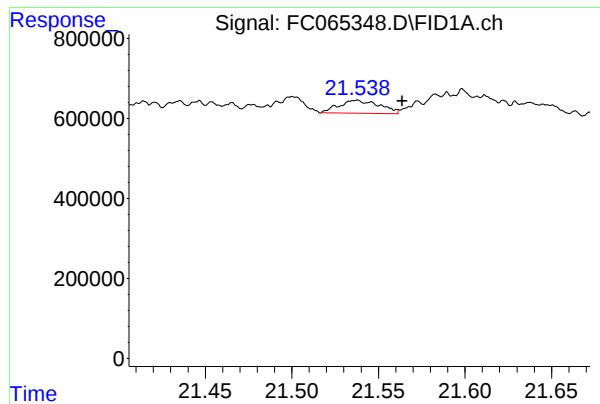
#20 n-Hexatriacontane (C36)

R.T.: 19.963 min
Delta R.T.: -0.010 min
Response: 481409
Conc: 3.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.018 min
Response: 1029579
Conc: 6.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.537 min
Delta R.T.: -0.027 min
Response: 531319
Conc: 3.54 ug/ml