

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062625AL\
 Data File : FE054598.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2025 09:29
 Operator : YP\AJ
 Sample : Q2398-03DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 M00-25-0179DL

Integration File: autoint1.e
 Quant Time: Jun 27 01:58:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.820	2627033	15.899 ug/ml
Spiked Amount 50.000		Recovery =	31.80%
12) S 1-chlorooctadecane (S...	13.266	1781280	14.607 ug/ml
Spiked Amount 50.000		Recovery =	29.21%
Target Compounds			
6) T n-Tetradecane (C14)	8.453	74681	0.577 ug/ml
7) T n-Hexadecane (C16)	10.060	16230	0.122 ug/ml
8) T n-Octadecane (C18)	11.507	28472	0.211 ug/ml
10) T n-Eicosane (C20)	12.821	239199	1.788 ug/ml
11) T n-Heneicosane (C21)	13.481	501523	3.772 ug/ml
13) T n-Docosane (C22)	14.016	120215	0.917 ug/ml
14) T n-Tetracosane (C24)	15.130	435542	3.376 ug/ml
15) T n-Hexacosane (C26)	16.159	571151	4.550 ug/ml
16) T n-Octacosane (C28)	17.126	1201702	9.799 ug/ml
17) T n-Tricontane (C30)	18.009	1049049	8.464 ug/ml
18) T n-Dotriacontane (C32)	18.836	169123	1.346 ug/ml
19) T n-Tetratriacontane (C34)	19.664	7209951	57.955 ug/ml
20) T n-Hexatriacontane (C36)	20.353	526896	4.093 ug/ml
21) T n-Octatriacontane (C38)	21.071	815459	6.176 ug/ml
22) T n-Tetracontane (C40)	21.958	339694	2.522 ug/ml

(f)=RT Delta > 1/2 Window

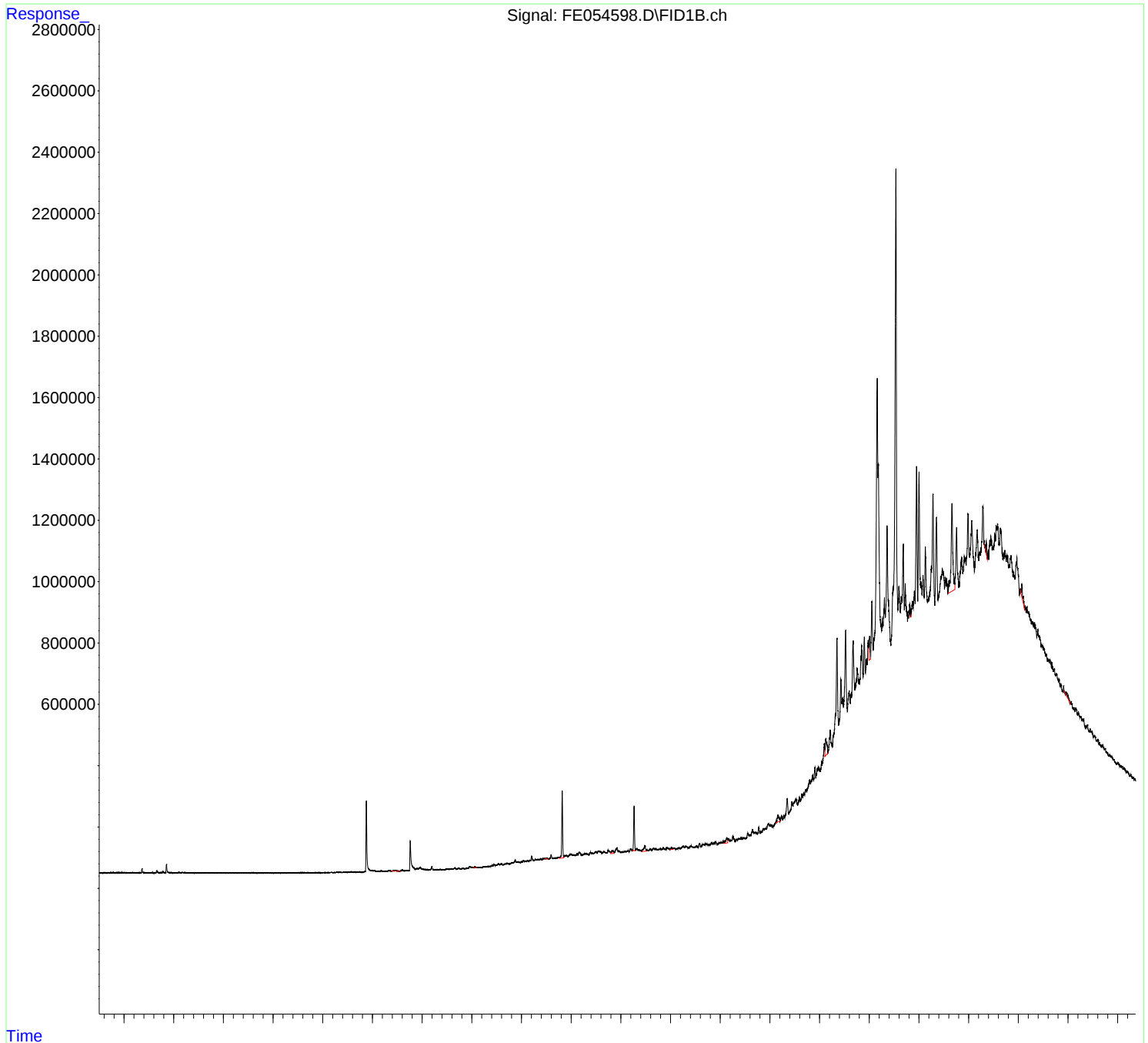
(m)=manual int.

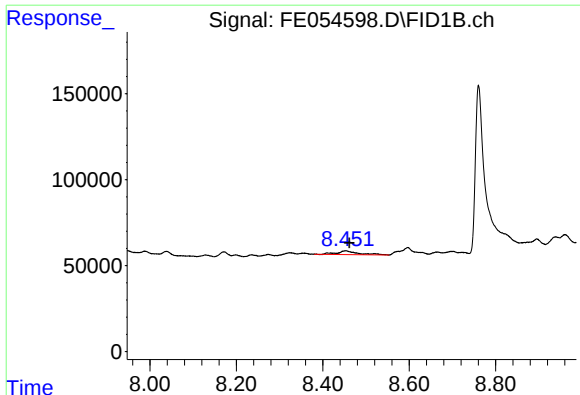
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062625AL\
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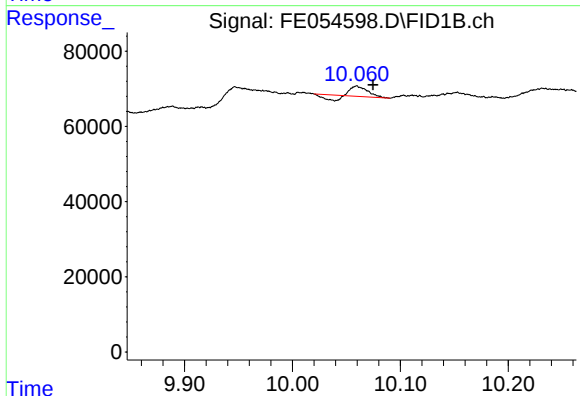




#6 n-Tetradecane (C14)

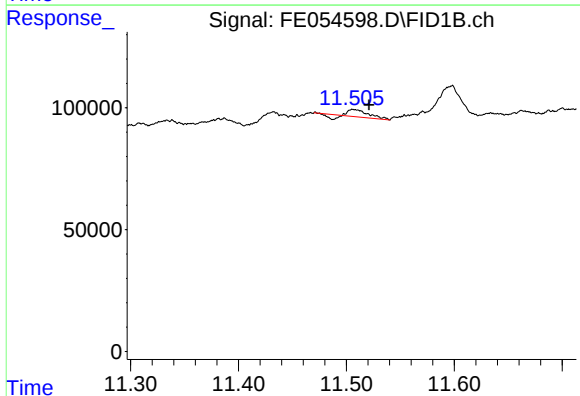
R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 74681
Conc: 0.58 ug/ml

Instrument :
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ClientSampleId :
M00-25-0179DL



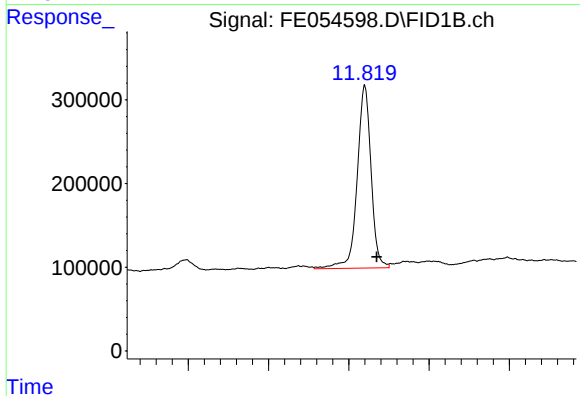
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.015 min
Response: 16230
Conc: 0.12 ug/ml



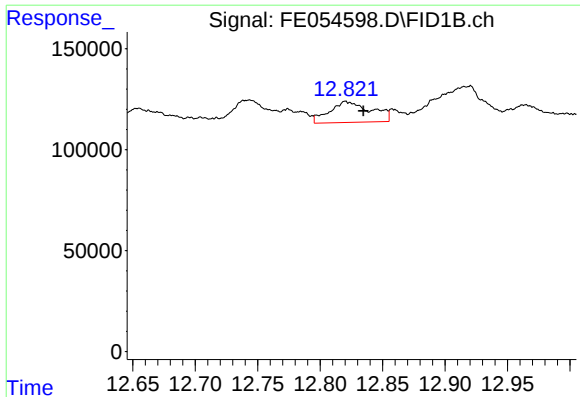
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.014 min
Response: 28472
Conc: 0.21 ug/ml



#9 ortho-Terphenyl (SURR)

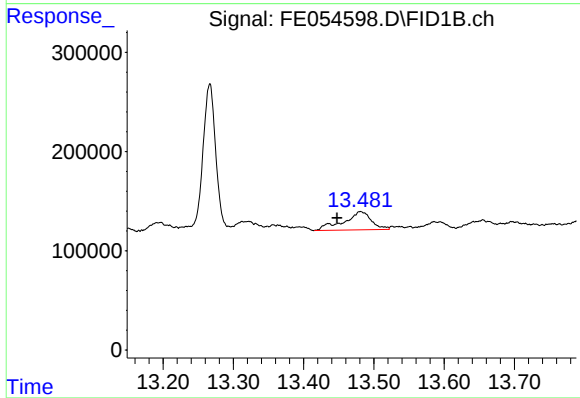
R.T.: 11.820 min
Delta R.T.: -0.015 min
Response: 2627033
Conc: 15.90 ug/ml



#10 n-Eicosane (C20)

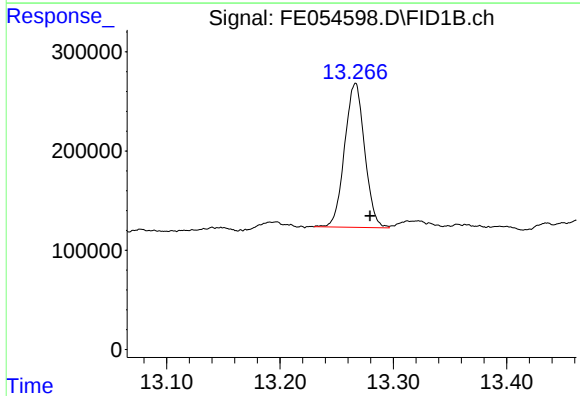
R.T.: 12.821 min
Delta R.T.: -0.013 min
Response: 239199
Conc: 1.79 ug/ml

Instrument :
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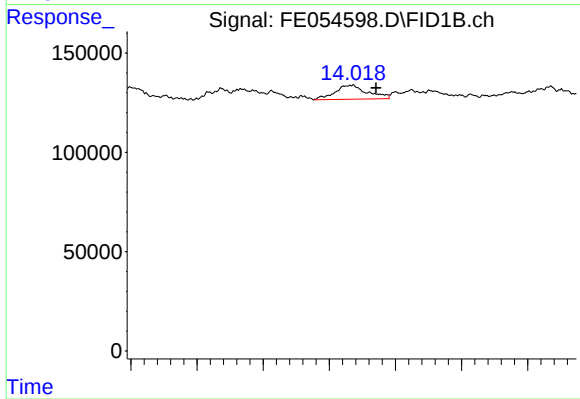
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.034 min
Response: 501523
Conc: 3.77 ug/ml



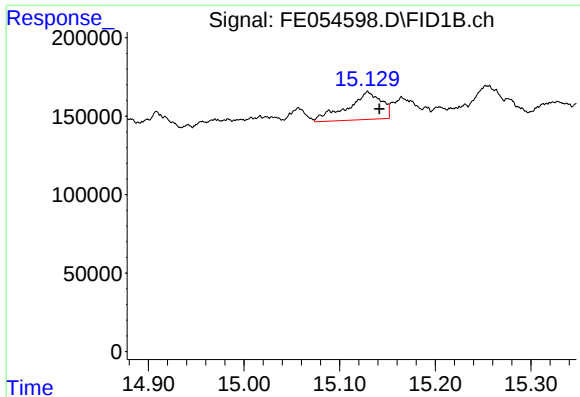
#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: -0.013 min
Response: 1781280
Conc: 14.61 ug/ml



#13 n-Docosane (C22)

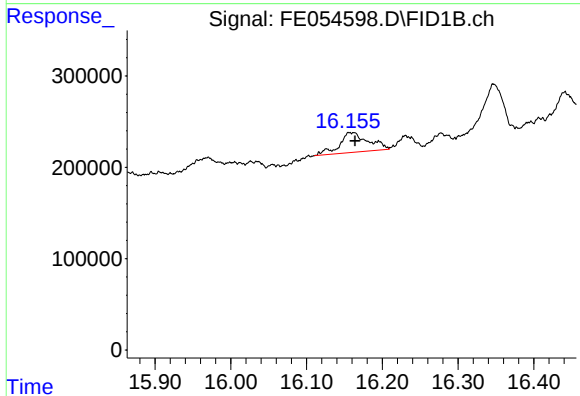
R.T.: 14.016 min
Delta R.T.: -0.020 min
Response: 120215
Conc: 0.92 ug/ml



#14 n-Tetracosane (C24)

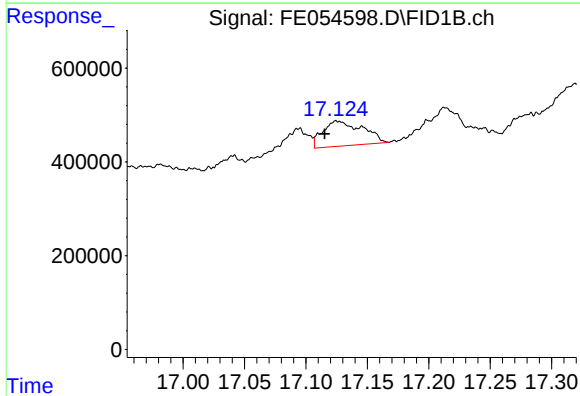
R.T.: 15.130 min
Delta R.T.: -0.012 min
Response: 435542
Conc: 3.38 ug/ml

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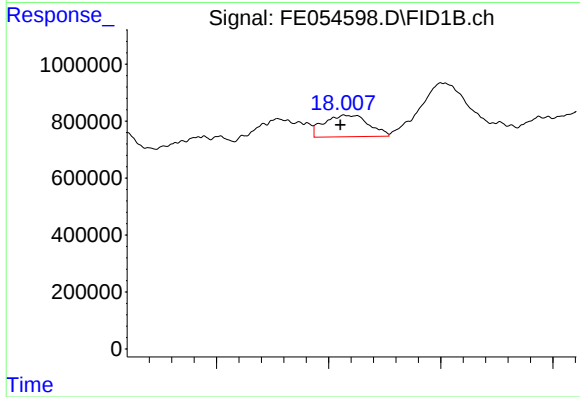
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.005 min
Response: 571151
Conc: 4.55 ug/ml



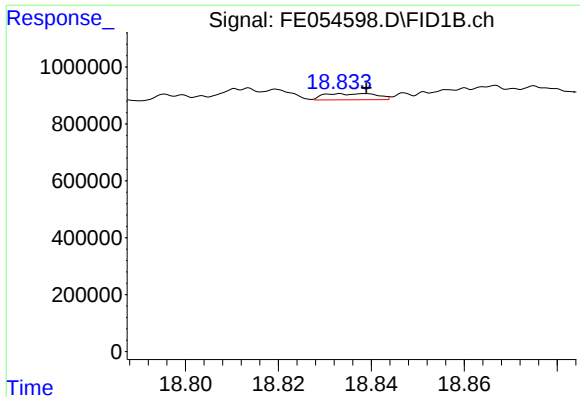
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: 0.011 min
Response: 1201702
Conc: 9.80 ug/ml



#17 n-Tricontane (C30)

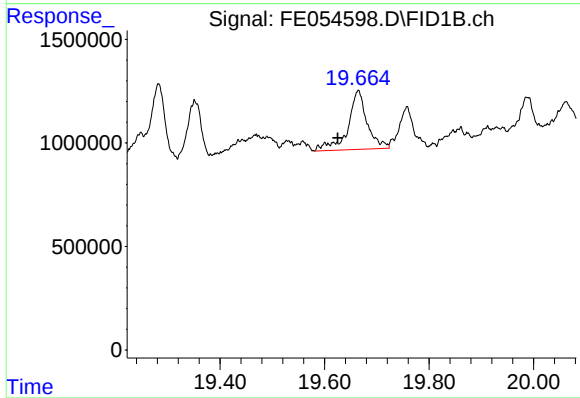
R.T.: 18.009 min
Delta R.T.: 0.004 min
Response: 1049049
Conc: 8.46 ug/ml



#18 n-Dotriacontane (C32)

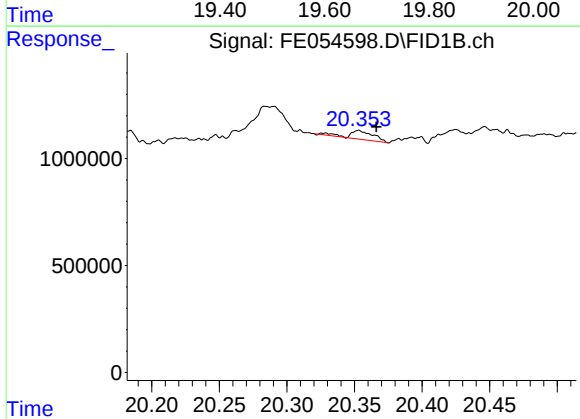
R.T.: 18.836 min
Delta R.T.: -0.003 min
Response: 169123
Conc: 1.35 ug/ml

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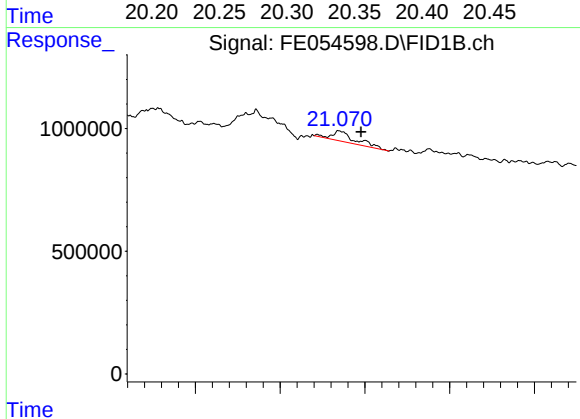
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: 0.039 min
Response: 7209951
Conc: 57.95 ug/ml



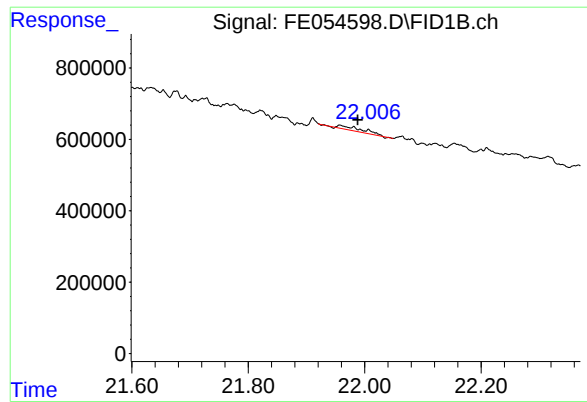
#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.013 min
Response: 526896
Conc: 4.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.025 min
Response: 815459
Conc: 6.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.030 min
Response: 339694
Conc: 2.52 ug/ml

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