

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045556.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 15:46
 Operator : YP\AJ
 Sample : 05553-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 28 23:06:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.865	6060215	31.741 ug/ml
Spiked Amount 50.000		Recovery =	63.48%
12) S 1-chlorooctadecane (S...	13.308	4480950	32.532 ug/ml
Spiked Amount 50.000		Recovery =	65.06%
Target Compounds			
6) T n-Tetradecane (C14)	8.462f	38496	0.231 ug/ml
7) T n-Hexadecane (C16)	10.106	65017	0.387 ug/ml
8) T n-Octadecane (C18)	11.551	61572	0.368 ug/ml
10) T n-Eicosane (C20)	12.861	73318	0.463 ug/ml
11) T n-Heneicosane (C21)	13.478	95825	0.623 ug/ml
13) T n-Docosane (C22)	14.062	121512	0.802 ug/ml
14) T n-Tetracosane (C24)	15.165	87978	0.594 ug/ml
15) T n-Hexacosane (C26)	16.193	173794	1.192 ug/ml
16) T n-Octacosane (C28)	17.149	289309	1.980 ug/ml
17) T n-Tricontane (C30)	18.072	95683	0.630 ug/ml
18) T n-Dotriacontane (C32)	18.864	380716	2.437 ug/ml
19) T n-Tetratriacontane (C34)	19.667	276448	1.771 ug/ml
20) T n-Hexatriacontane (C36)	20.395	234259	1.443 ug/ml
21) T n-Octatriacontane (C38)	21.138	240495	1.448 ug/ml
22) T n-Tetracontane (C40)	22.039	346088	2.026 ug/ml

(f)=RT Delta > 1/2 Window

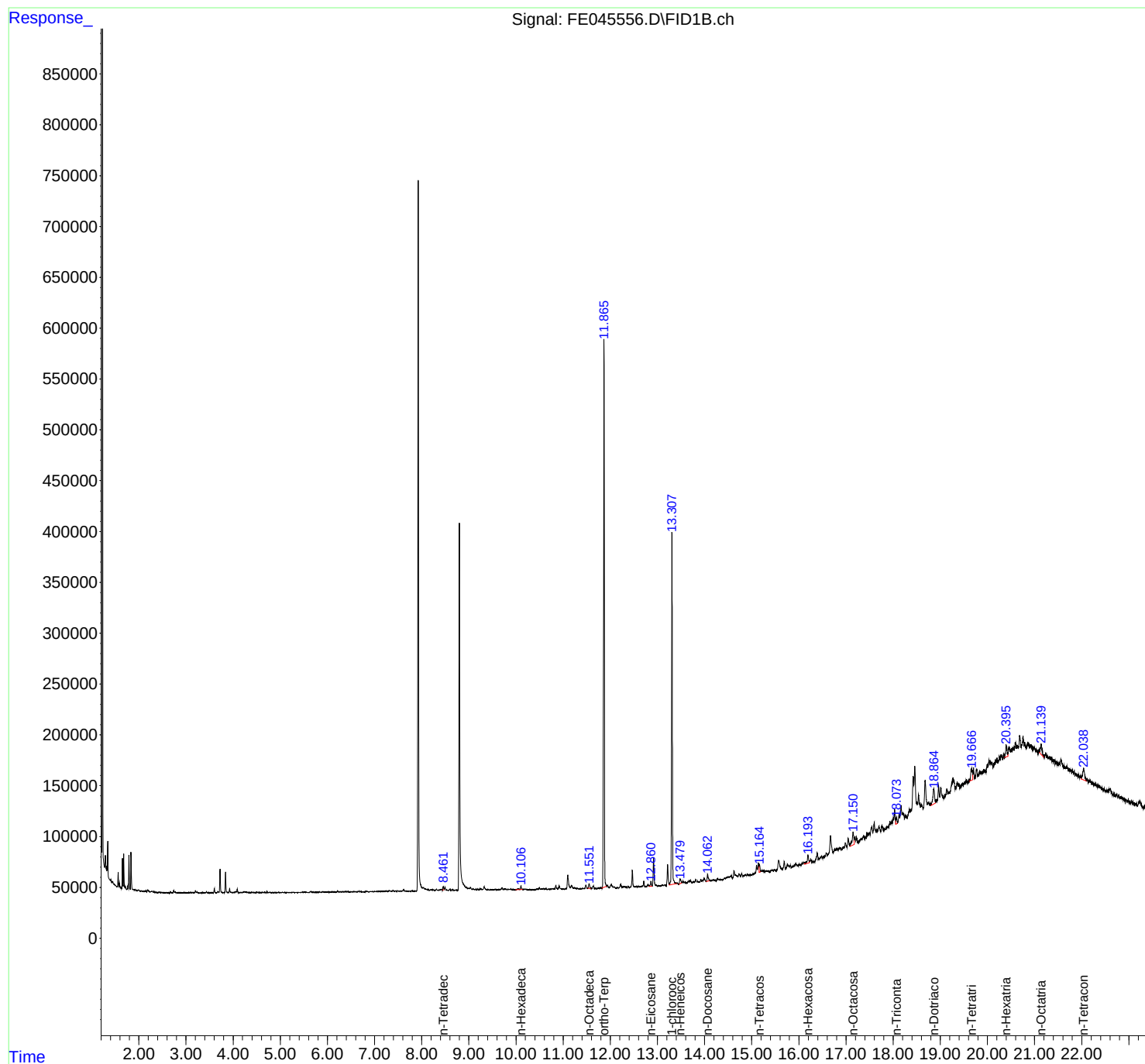
(m)=manual int.

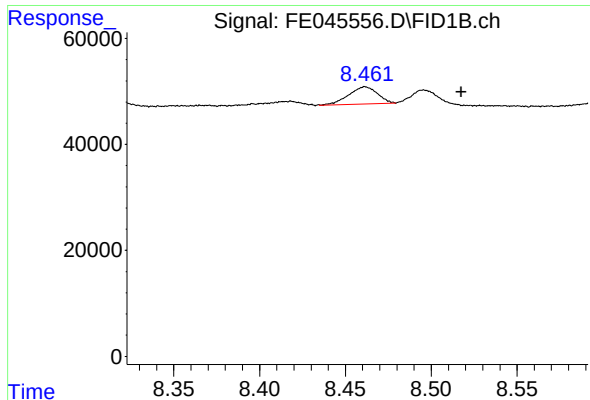
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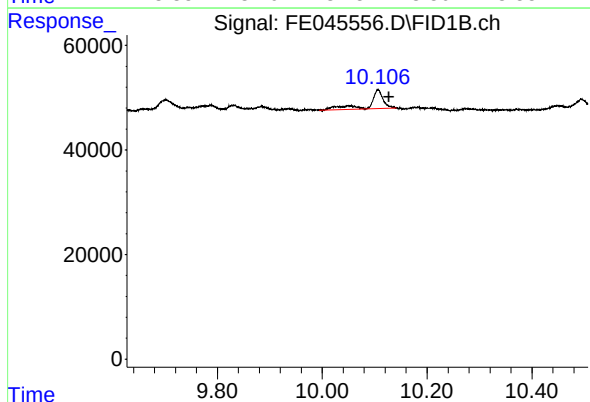
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.056 min
Response: 38496
Conc: 0.23 ug/ml

Instrument :

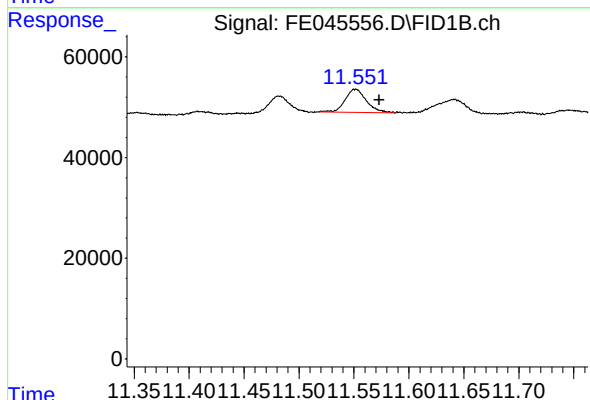
FID_E

ClientSampleId :



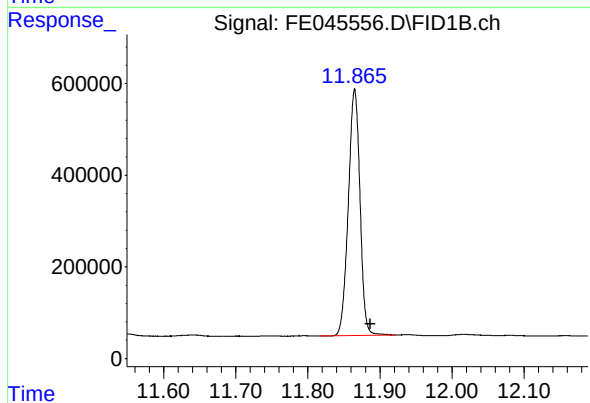
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: -0.020 min
Response: 65017
Conc: 0.39 ug/ml



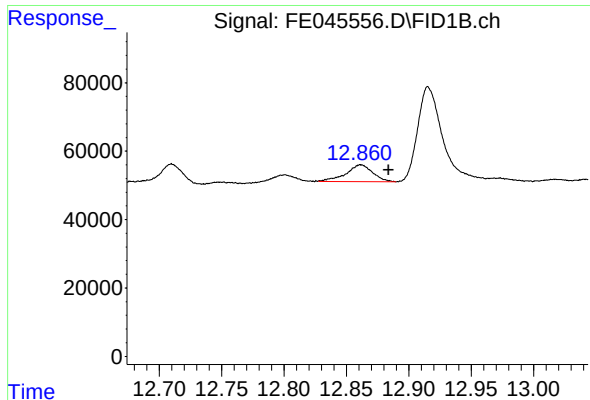
#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.021 min
Response: 61572
Conc: 0.37 ug/ml



#9 ortho-Terphenyl (SURR)

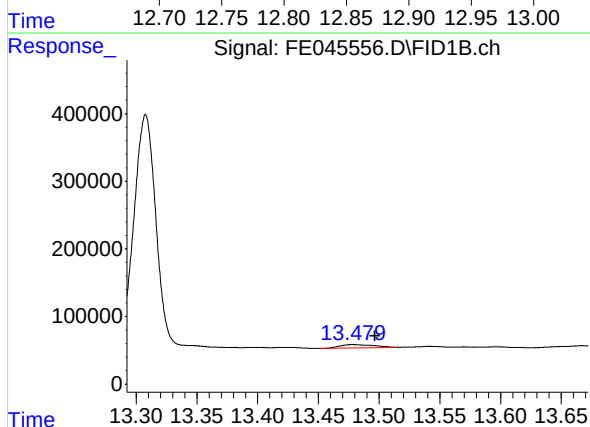
R.T.: 11.865 min
Delta R.T.: -0.022 min
Response: 6060215
Conc: 31.74 ug/ml



#10 n-Eicosane (C20)

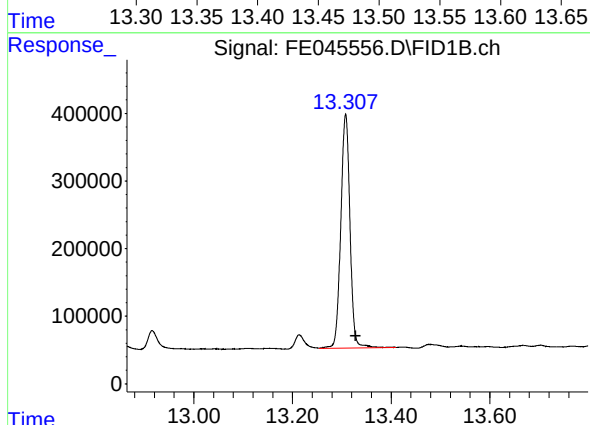
R.T.: 12.861 min
Delta R.T.: -0.022 min
Response: 73318
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



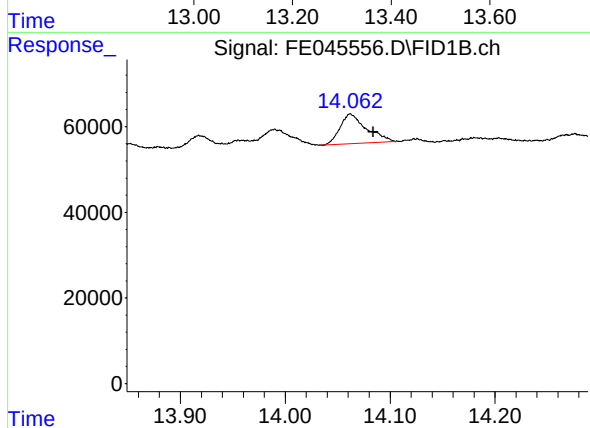
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.019 min
Response: 95825
Conc: 0.62 ug/ml



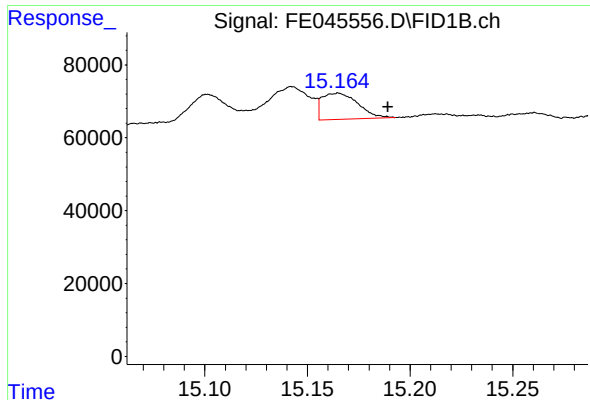
#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.020 min
Response: 4480950
Conc: 32.53 ug/ml



#13 n-Docosane (C22)

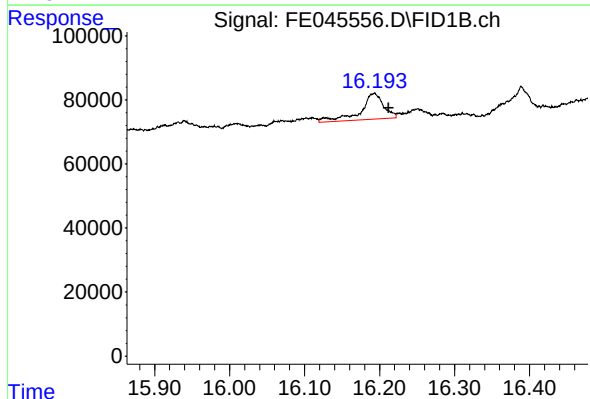
R.T.: 14.062 min
Delta R.T.: -0.022 min
Response: 121512
Conc: 0.80 ug/ml



#14 n-Tetracosane (C24)

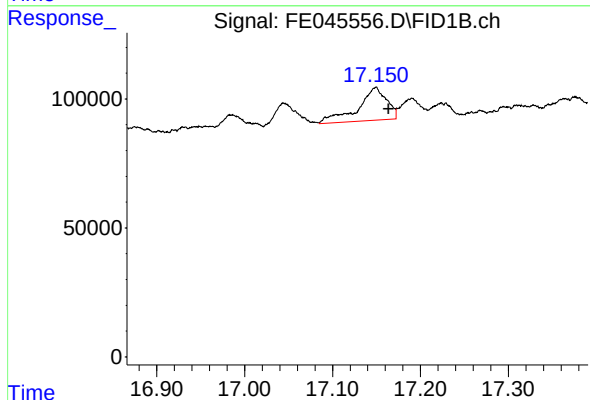
R.T.: 15.165 min
Delta R.T.: -0.024 min
Response: 87978
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



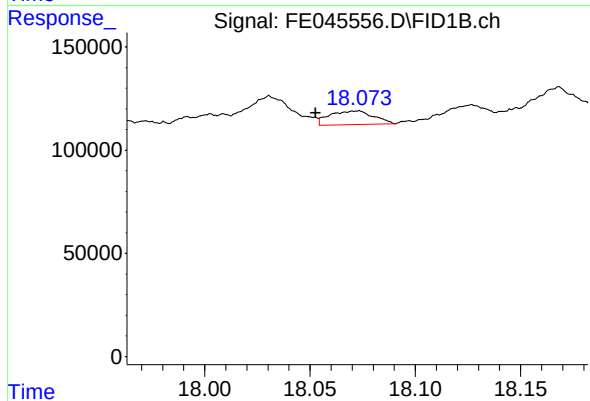
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.019 min
Response: 173794
Conc: 1.19 ug/ml



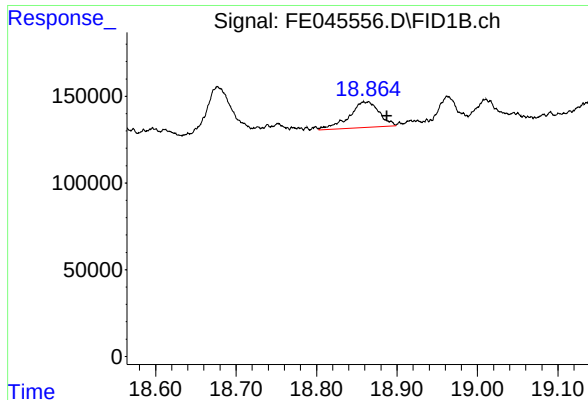
#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.014 min
Response: 289309
Conc: 1.98 ug/ml



#17 n-Tricontane (C30)

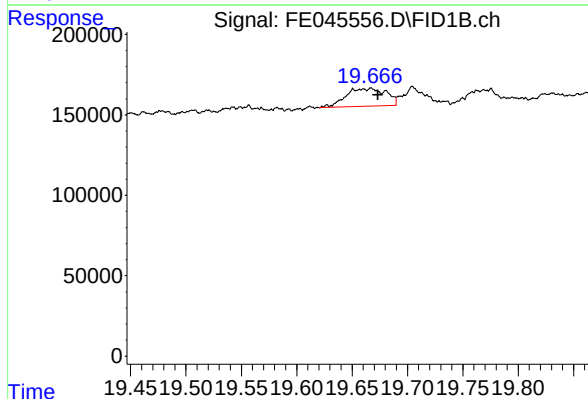
R.T.: 18.072 min
Delta R.T.: 0.020 min
Response: 95683
Conc: 0.63 ug/ml



#18 n-Dotriacontane (C32)

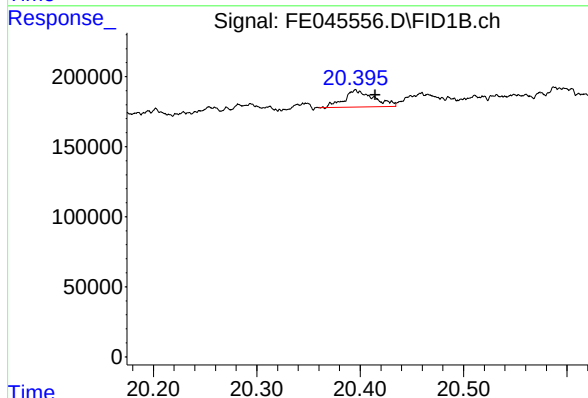
R.T.: 18.864 min
Delta R.T.: -0.023 min
Response: 380716
Conc: 2.44 ug/ml

Instrument :
FID_E
ClientSampleId :



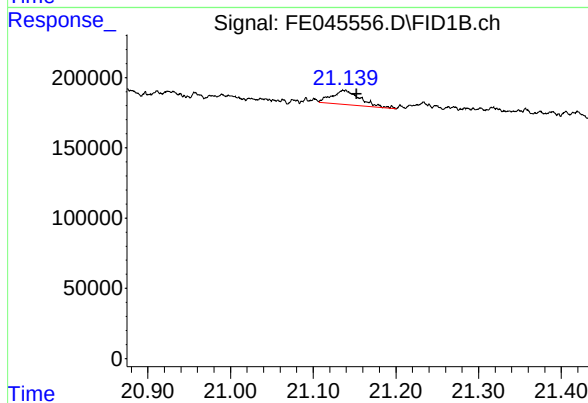
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.006 min
Response: 276448
Conc: 1.77 ug/ml



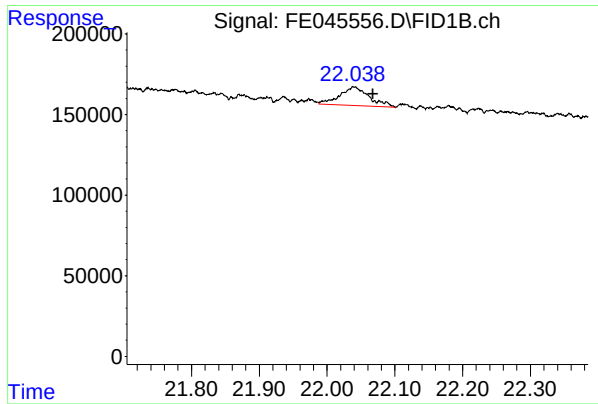
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.019 min
Response: 234259
Conc: 1.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.015 min
Response: 240495
Conc: 1.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.029 min
Response: 346088
Conc: 2.03 ug/ml

Instrument :
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