

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054804.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 09:48
 Operator : YP\AJ
 Sample : Q2539-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HACKENSACK-EPH 2DL

Integration File: autoint1.e
 Quant Time: Jul 12 02:08:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.080	359583	2.214 ug/ml
Spiked Amount 50.000		Recovery =	4.43%
12) S 1-chlorooctadecane (S...	13.517	330128	2.614 ug/ml
Spiked Amount 50.000		Recovery =	5.23%
Target Compounds			
6) T n-Tetradecane (C14)	8.689	41975	0.303 ug/ml
7) T n-Hexadecane (C16)	10.305	39683	0.278 ug/ml
8) T n-Octadecane (C18)	11.753	37241	0.254 ug/ml
10) T n-Eicosane (C20)	13.068	48913	0.340 ug/ml
11) T n-Heneicosane (C21)	13.684	24464	0.171 ug/ml
13) T n-Docosane (C22)	14.272	13991	0.098 ug/ml
14) T n-Tetracosane (C24)	15.369	65071	0.448 ug/ml
15) T n-Hexacosane (C26)	16.403	68903	0.476 ug/ml
16) T n-Octacosane (C28)	17.359	75663	0.519 ug/ml
17) T n-Tricontane (C30)	18.245	225486	1.431 ug/ml
18) T n-Dotriacontane (C32)	19.078	157443	0.973 ug/ml
19) T n-Tetratriacontane (C34)	19.866	96408	0.633 ug/ml
20) T n-Hexatriacontane (C36)	20.605	56931	0.423 ug/ml
21) T n-Octatriacontane (C38)	21.378	140904	1.201 ug/ml
22) T n-Tetracontane (C40)	22.375	133153	1.229 ug/ml

(f)=RT Delta > 1/2 Window

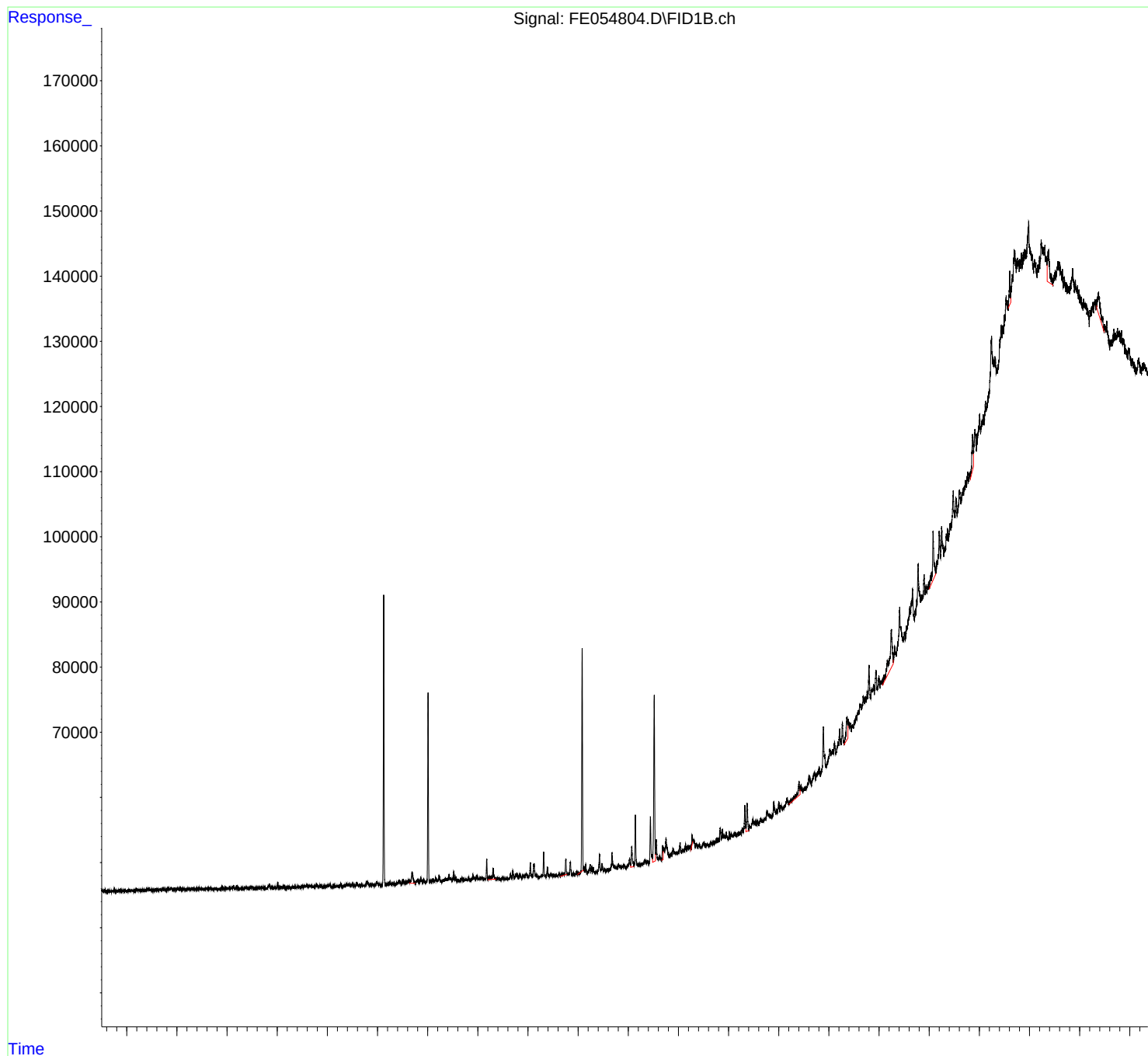
(m)=manual int.

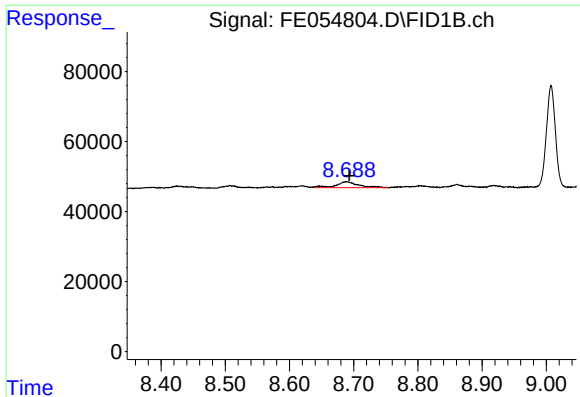
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

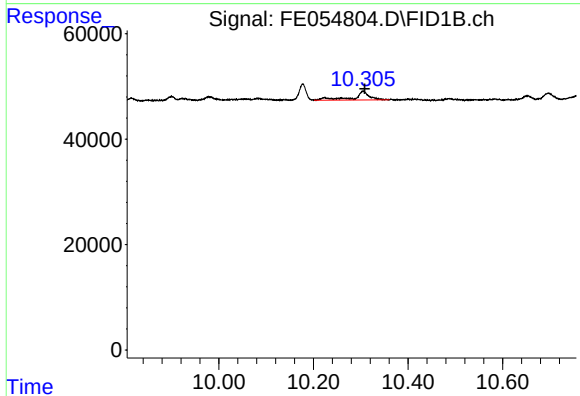




#6 n-Tetradecane (C14)

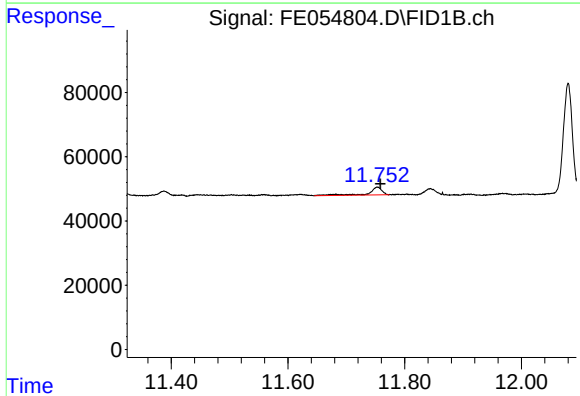
R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 41975
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :
HACKENSACK-EPH 2DL



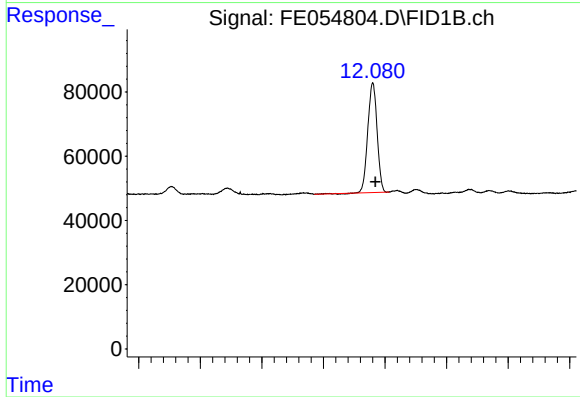
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 39683
Conc: 0.28 ug/ml



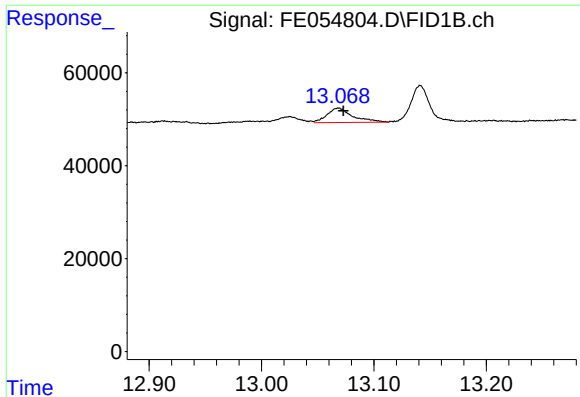
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 37241
Conc: 0.25 ug/ml



#9 ortho-Terphenyl (SURRE)

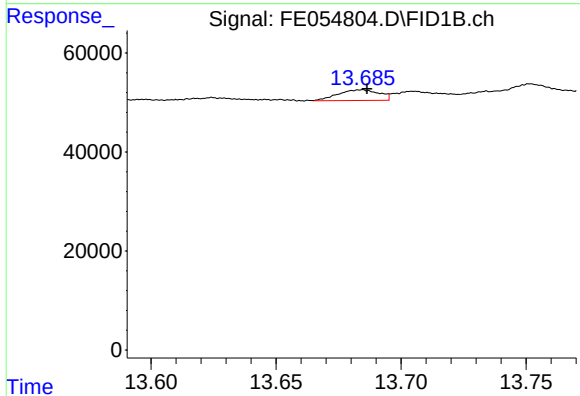
R.T.: 12.080 min
Delta R.T.: -0.004 min
Response: 359583
Conc: 2.21 ug/ml



#10 n-Eicosane (C20)

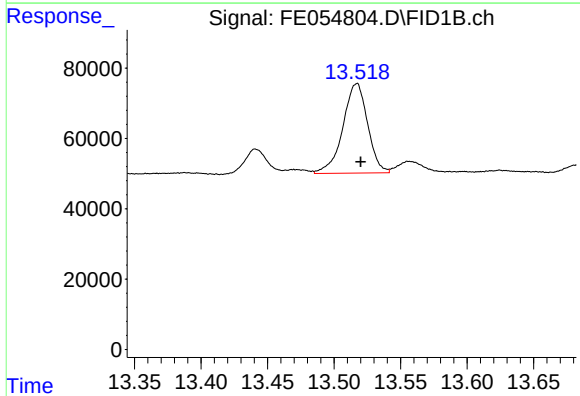
R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 48913
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
HACKENSACK-EPH 2DL



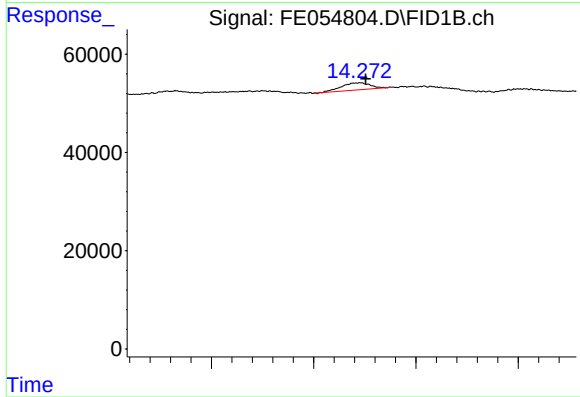
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 24464
Conc: 0.17 ug/ml



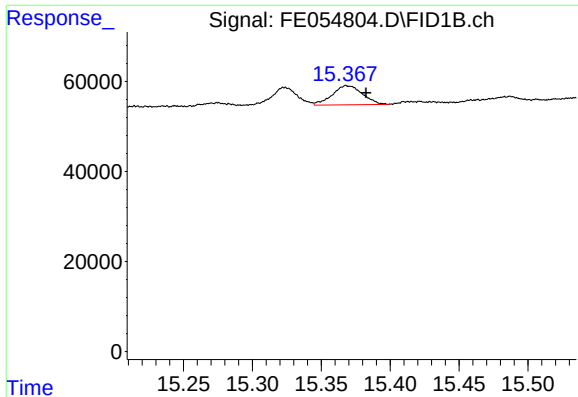
#12 1-chlorooctadecane (SURR)

R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 330128
Conc: 2.61 ug/ml



#13 n-Docosane (C22)

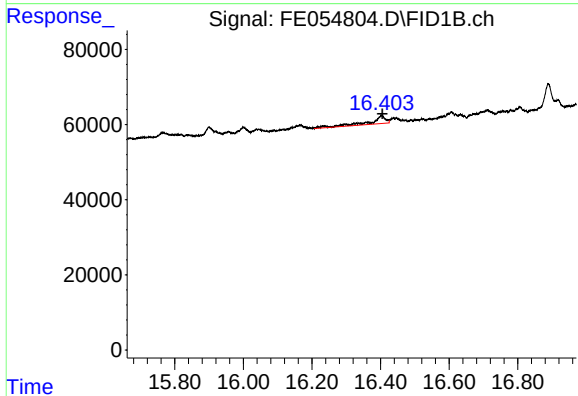
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 13991
Conc: 0.10 ug/ml



#14 n-Tetracosane (C24)

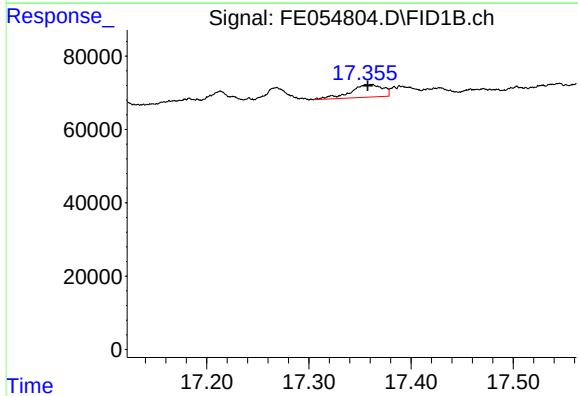
R.T.: 15.369 min
Delta R.T.: -0.013 min
Response: 65071
Conc: 0.45 ug/ml

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FID_E
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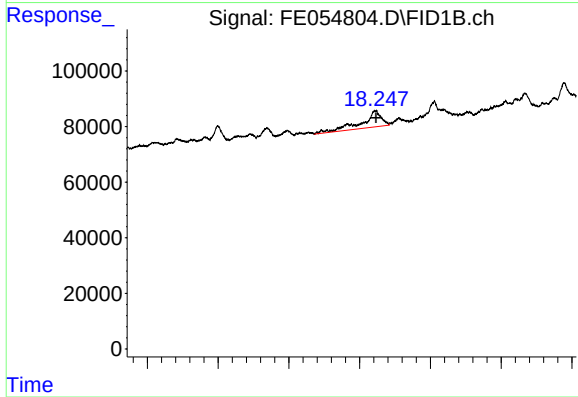
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 68903
Conc: 0.48 ug/ml



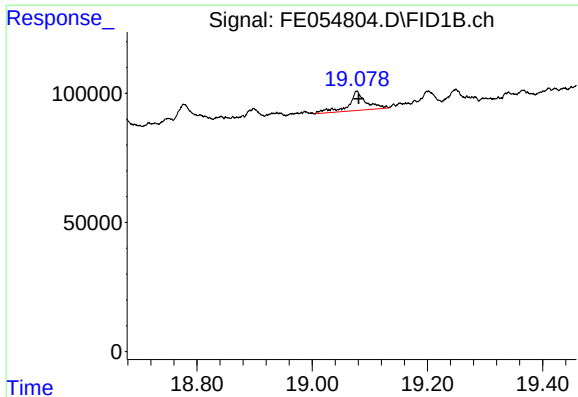
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 75663
Conc: 0.52 ug/ml



#17 n-Tricontane (C30)

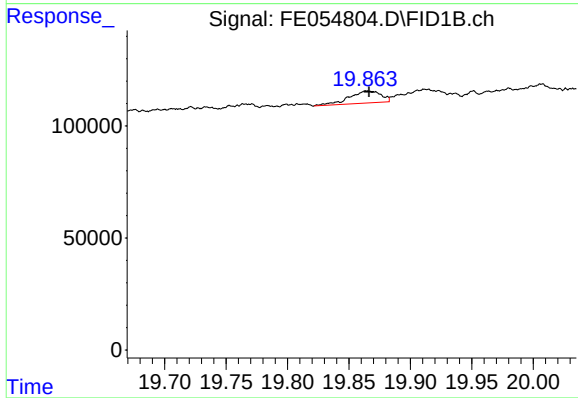
R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 225486
Conc: 1.43 ug/ml



#18 n-Dotriacontane (C32)

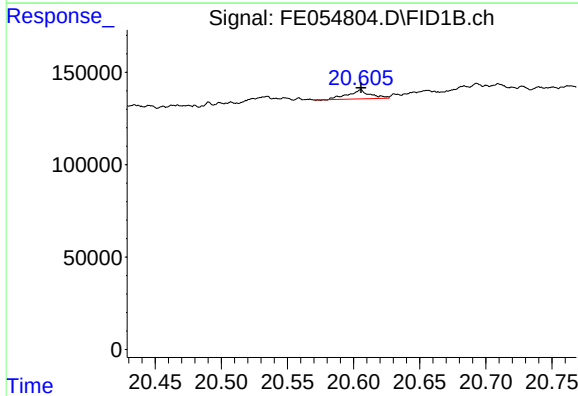
R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 157443
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :
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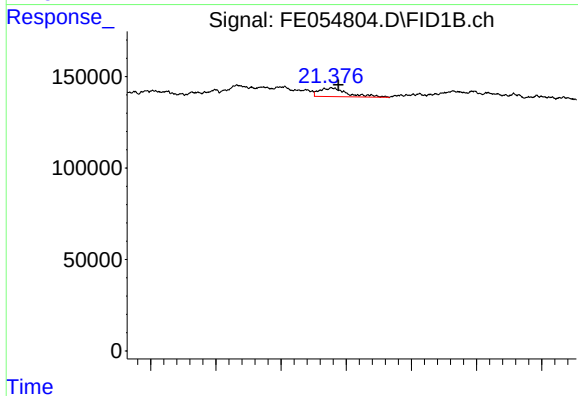
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 96408
Conc: 0.63 ug/ml



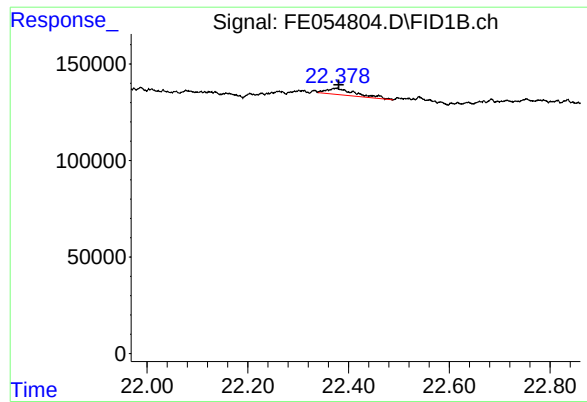
#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: 0.000 min
Response: 56931
Conc: 0.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: -0.009 min
Response: 140904
Conc: 1.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.375 min
Delta R.T.: -0.006 min
Response: 133153
Conc: 1.23 ug/ml

Instrument :

FID_E

ClientSampleId :

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