

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054811.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 15:18
 Operator : YP\AJ
 Sample : Q2559-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 500-3B CONCRETE CHIP-EPH

Integration File: autoint1.e
 Quant Time: Jul 12 02:09:45 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)	12.094	12934663	79.650 ug/ml
Spiked Amount 50.000		Recovery =	159.30%
12) S 1-chlorooctadecane (S...	13.532	5705615	45.177 ug/ml
Spiked Amount 50.000		Recovery =	90.35%
Target Compounds			
6) T n-Tetradecane (C14)	8.683	147844	1.066 ug/ml
7) T n-Hexadecane (C16)	10.317	730264	5.124 ug/ml
8) T n-Octadecane (C18)	11.767	2588083	17.660 ug/ml
10) T n-Eicosane (C20)	13.082	1023174	7.116 ug/ml
11) T n-Heneicosane (C21)	13.721	2426325	16.987 ug/ml
13) T n-Docosane (C22)	14.253	681472	4.773 ug/ml
14) T n-Tetracosane (C24)	15.383	359671	2.474 ug/ml
15) T n-Hexacosane (C26)	16.402	28382	0.196 ug/ml
16) T n-Octacosane (C28)	17.354	35869	0.246 ug/ml
17) T n-Tricontane (C30)	18.242	75053	0.476 ug/ml
18) T n-Dotriacontane (C32)	19.075	151669	0.937 ug/ml
19) T n-Tetratriacontane (C34)	19.861	85631	0.562 ug/ml
20) T n-Hexatriacontane (C36)	20.603	75688	0.563 ug/ml
21) T n-Octatriacontane (C38)	21.383	32820	0.280 ug/ml
22) T n-Tetracontane (C40)	22.377	34523	0.319 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q2559-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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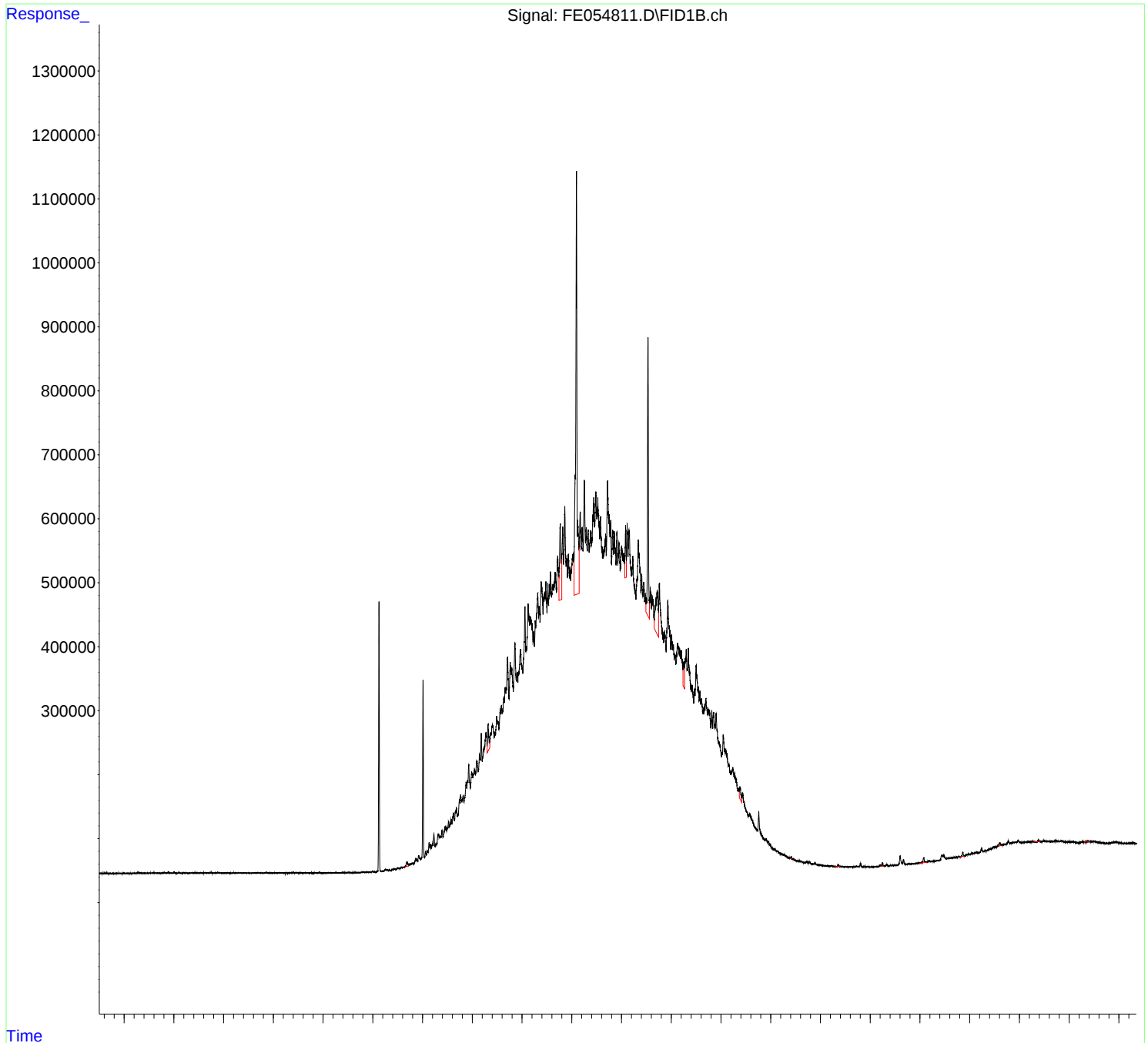
FID_E

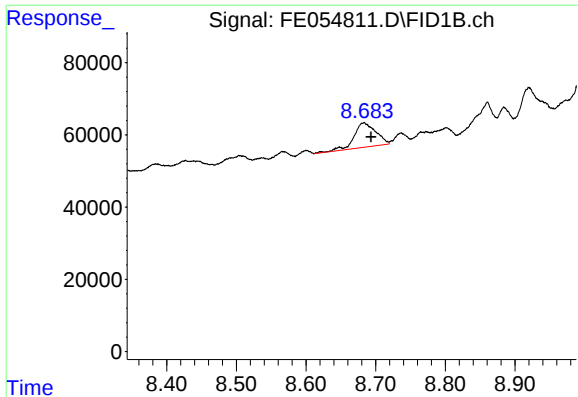
ClientSampleId :

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#6 n-Tetradecane (C14)

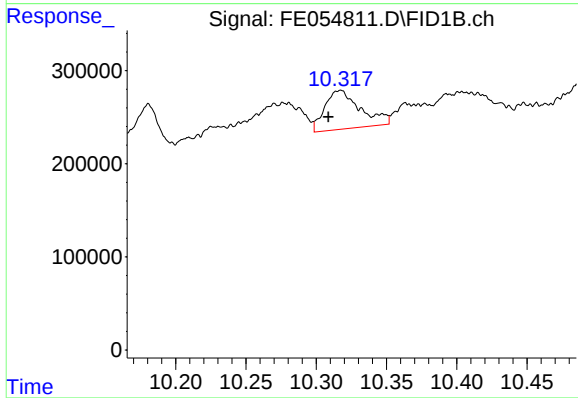
R.T.: 8.683 min
Delta R.T.: -0.010 min
Response: 147844
Conc: 1.07 ug/ml

Instrument :

FID_E

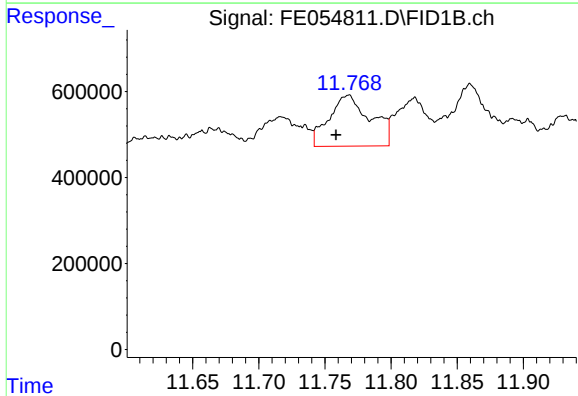
ClientSampleId :

500-3B CONCRETE CHIP-EPH



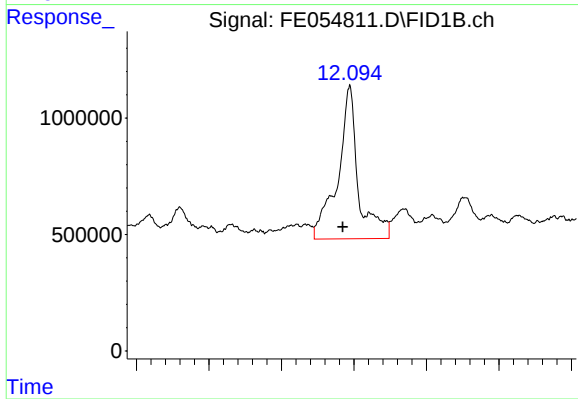
#7 n-Hexadecane (C16)

R.T.: 10.317 min
Delta R.T.: 0.008 min
Response: 730264
Conc: 5.12 ug/ml



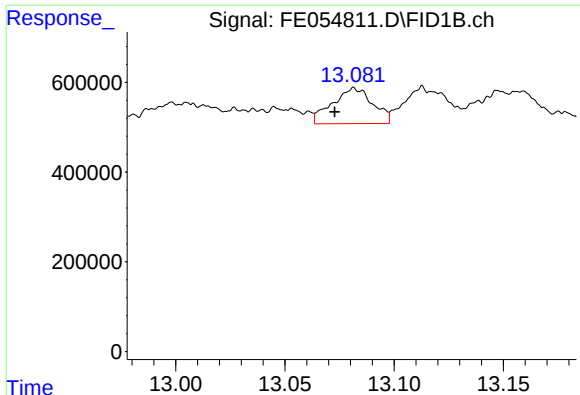
#8 n-Octadecane (C18)

R.T.: 11.767 min
Delta R.T.: 0.009 min
Response: 2588083
Conc: 17.66 ug/ml



#9 ortho-Terphenyl (SURRE)

R.T.: 12.094 min
Delta R.T.: 0.009 min
Response: 12934663
Conc: 79.65 ug/ml



#10 n-Eicosane (C20)

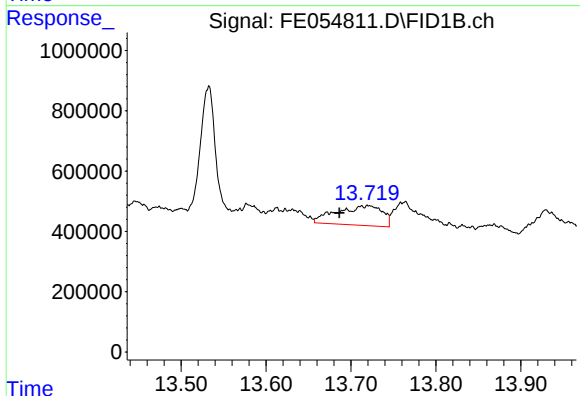
R.T.: 13.082 min
Delta R.T.: 0.009 min
Response: 1023174
Conc: 7.12 ug/ml

Instrument :

FID_E

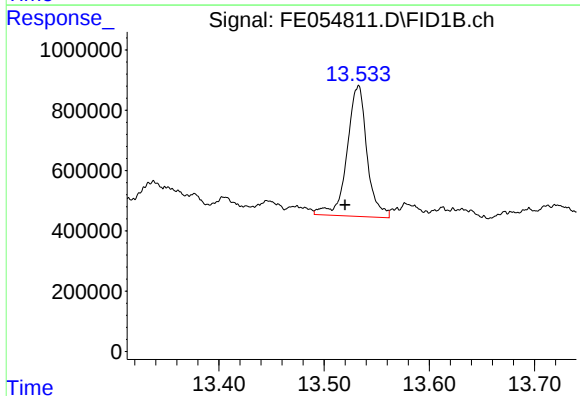
ClientSampleId :

500-3B CONCRETE CHIP-EPH



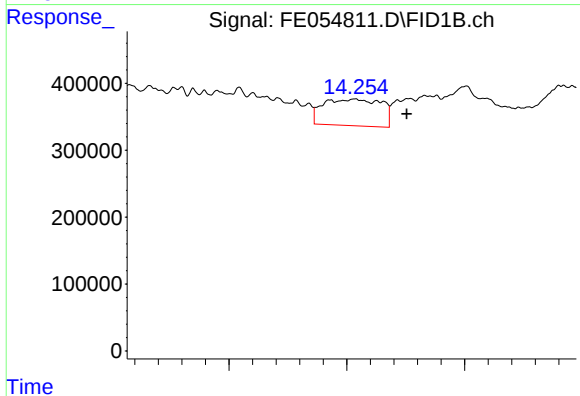
#11 n-Heneicosane (C21)

R.T.: 13.721 min
Delta R.T.: 0.035 min
Response: 2426325
Conc: 16.99 ug/ml



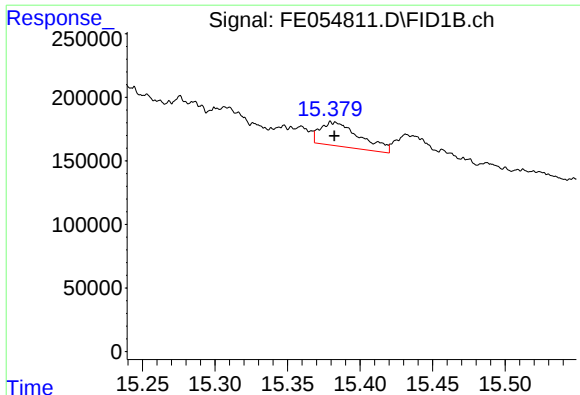
#12 1-chlorooctadecane (SURR)

R.T.: 13.532 min
Delta R.T.: 0.012 min
Response: 5705615
Conc: 45.18 ug/ml



#13 n-Docosane (C22)

R.T.: 14.253 min
Delta R.T.: -0.022 min
Response: 681472
Conc: 4.77 ug/ml



#14 n-Tetracosane (C24)

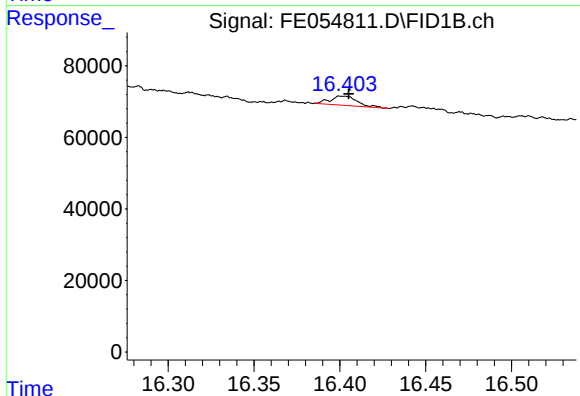
R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 359671
Conc: 2.47 ug/ml

Instrument :

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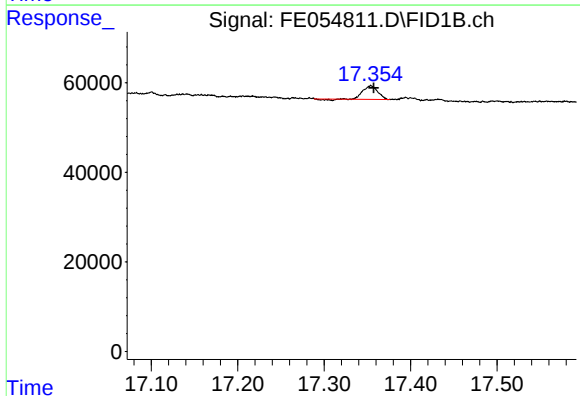
ClientSampleId :

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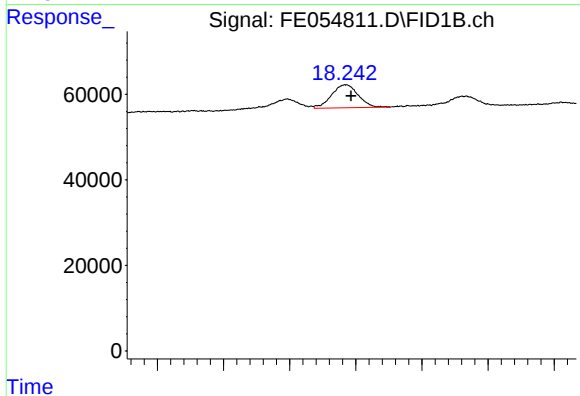
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 28382
Conc: 0.20 ug/ml



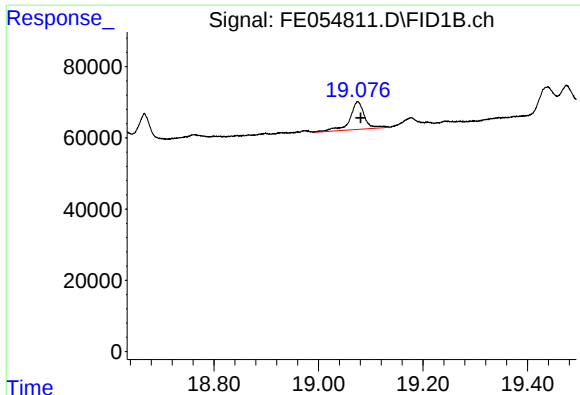
#16 n-Octacosane (C28)

R.T.: 17.354 min
Delta R.T.: -0.004 min
Response: 35869
Conc: 0.25 ug/ml



#17 n-Tricontane (C30)

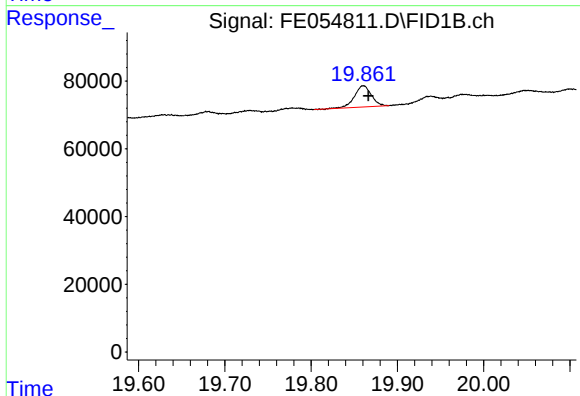
R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 75053
Conc: 0.48 ug/ml



#18 n-Dotriacontane (C32)

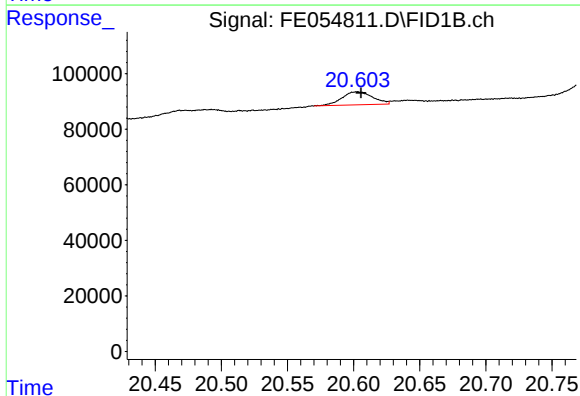
R.T.: 19.075 min
Delta R.T.: -0.005 min
Response: 151669
Conc: 0.94 ug/ml

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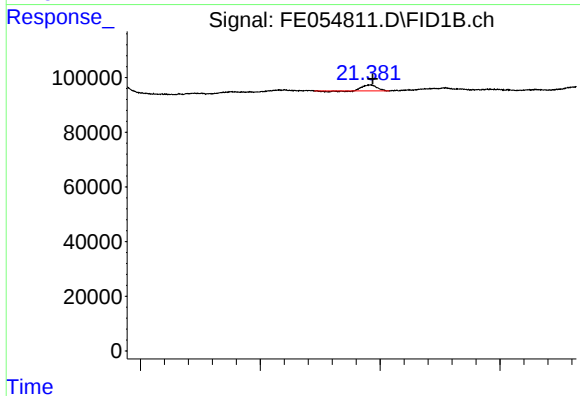
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 85631
Conc: 0.56 ug/ml



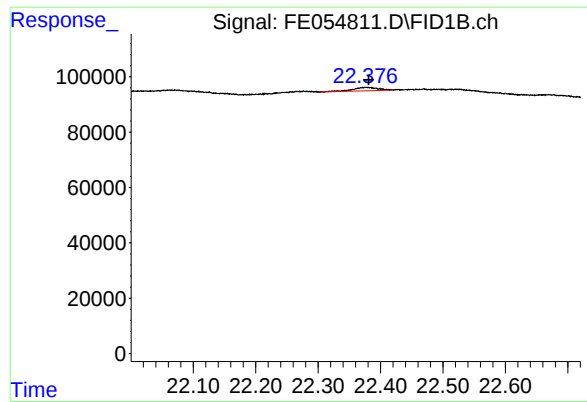
#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: -0.003 min
Response: 75688
Conc: 0.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.004 min
Response: 32820
Conc: 0.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.377 min
Delta R.T.: -0.003 min
Response: 34523
Conc: 0.32 ug/ml

Instrument :

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