

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054511.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 08:52
 Operator : YP\AJ
 Sample : Q2357-02DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-06182025-E2DL

Integration File: autoint1.e
 Quant Time: Jun 20 23:22:15 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)	11.823	2111017	12.776 ug/ml
Spiked Amount 50.000		Recovery =	25.55%
12) S 1-chlorooctadecane (S...	13.268	1695361	13.902 ug/ml
Spiked Amount 50.000		Recovery =	27.80%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.170	50558	0.374 ug/ml
5) T A~2-methylnaphthalene...	7.272	49640	0.375 ug/ml
6) T n-Tetradecane (C14)	8.452	72980	0.564 ug/ml
7) T n-Hexadecane (C16)	10.063	61832	0.465 ug/ml
8) T n-Octadecane (C18)	11.509	64948	0.481 ug/ml
10) T n-Eicosane (C20)	12.821	155067	1.159 ug/ml
11) T n-Heneicosane (C21)	13.436	45044	0.339 ug/ml
13) T n-Docosane (C22)	14.023	67350	0.514 ug/ml
14) T n-Tetracosane (C24)	15.124	507831	3.937 ug/ml
15) T n-Hexacosane (C26)	16.153	35657	0.284 ug/ml
16) T n-Octacosane (C28)	17.103	14683	0.120 ug/ml
17) T n-Tricontane (C30)	17.993	105646	0.852 ug/ml
18) T n-Dotriacontane (C32)	18.828	164943	1.313 ug/ml
19) T n-Tetratriacontane (C34)	19.616	183204	1.473 ug/ml
20) T n-Hexatriacontane (C36)	20.357	198889	1.545 ug/ml
21) T n-Octatriacontane (C38)	21.080	38434	0.291 ug/ml

(f)=RT Delta > 1/2 Window

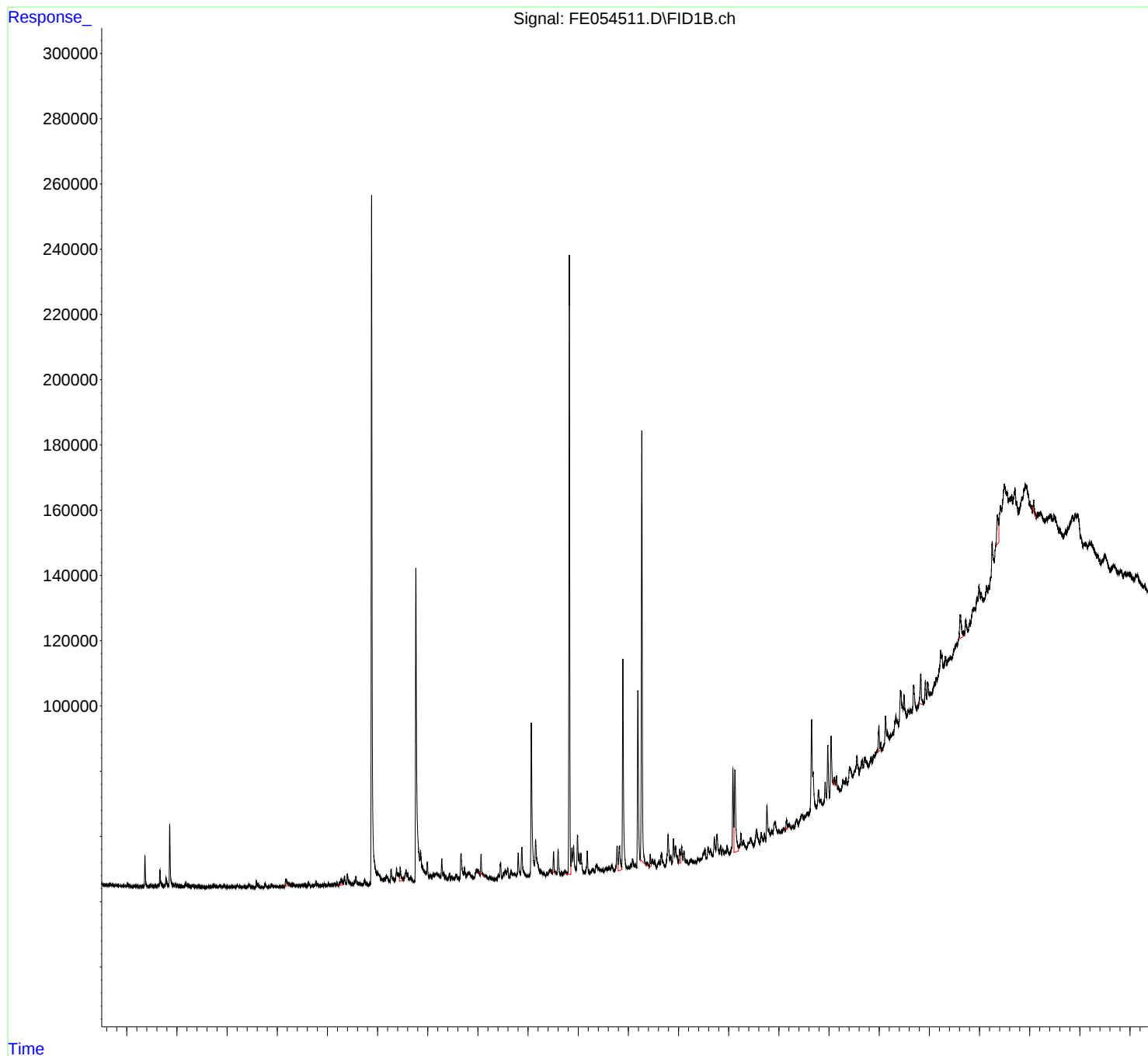
(m)=manual int.

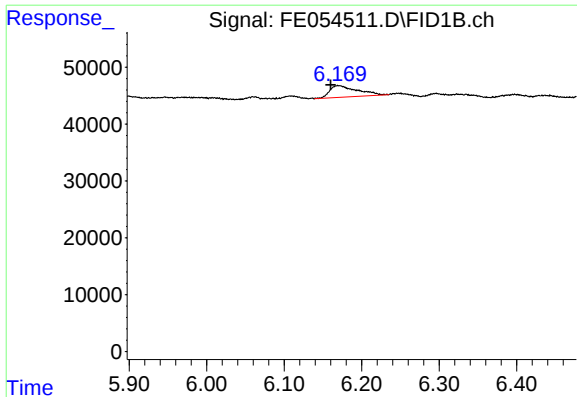
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
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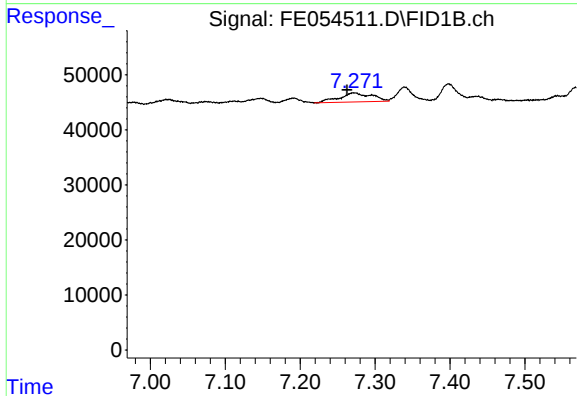




#3 A~Naphthalene (C11.7)

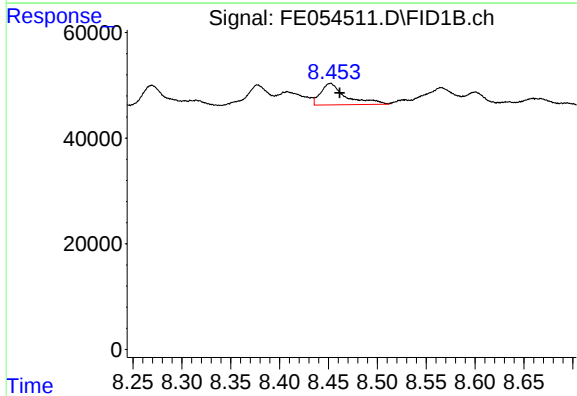
R.T.: 6.170 min
Delta R.T.: 0.010 min
Response: 50558
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-06-06182025-E2DL



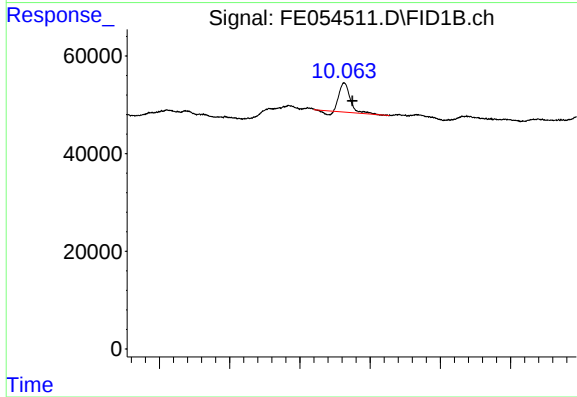
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.272 min
Delta R.T.: 0.009 min
Response: 49640
Conc: 0.37 ug/ml



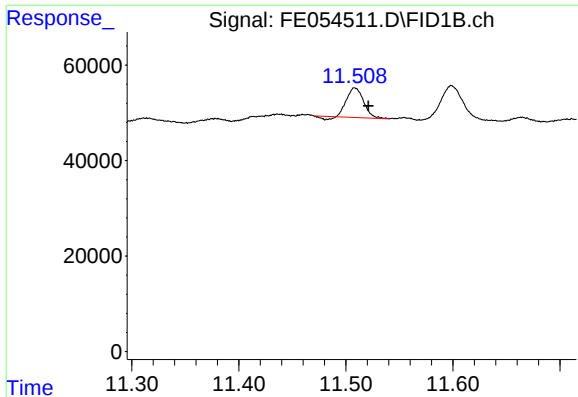
#6 n-Tetradecane (C14)

R.T.: 8.452 min
Delta R.T.: -0.010 min
Response: 72980
Conc: 0.56 ug/ml



#7 n-Hexadecane (C16)

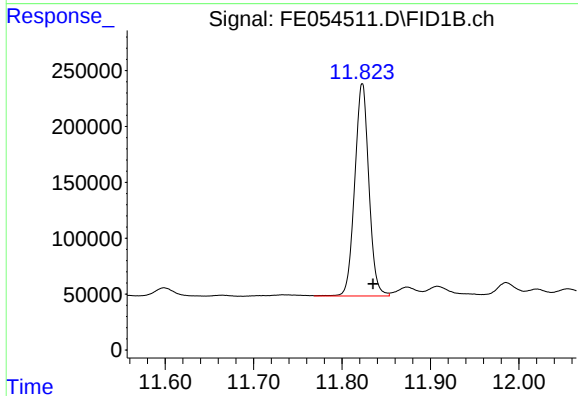
R.T.: 10.063 min
Delta R.T.: -0.011 min
Response: 61832
Conc: 0.47 ug/ml



#8 n-Octadecane (C18)

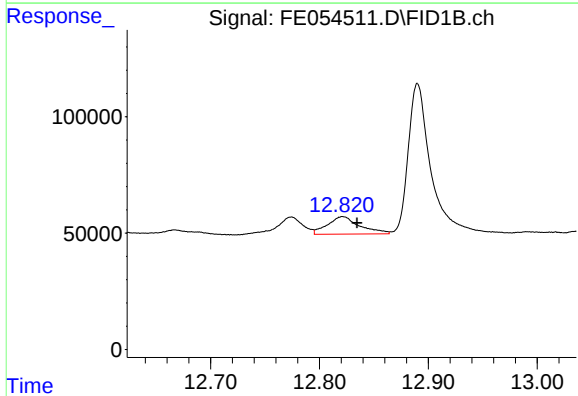
R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 64948
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-06-06182025-E2DL



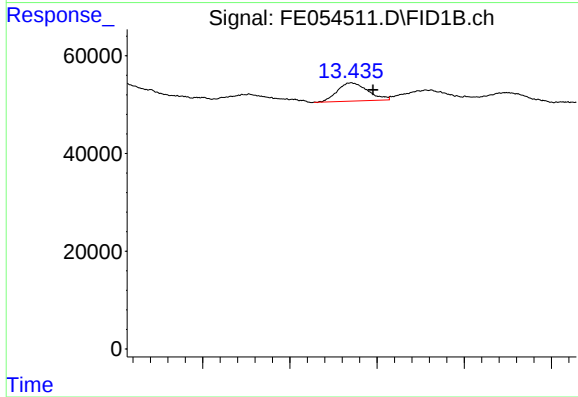
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.012 min
Response: 2111017
Conc: 12.78 ug/ml



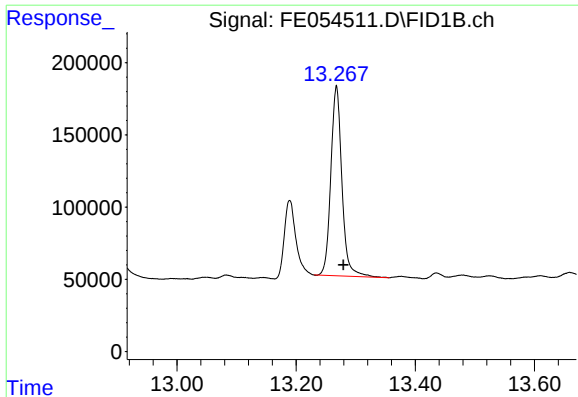
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: -0.013 min
Response: 155067
Conc: 1.16 ug/ml



#11 n-Heneicosane (C21)

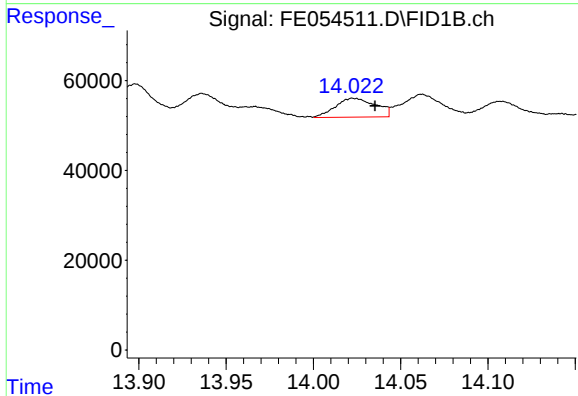
R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 45044
Conc: 0.34 ug/ml



#12 1-chlorooctadecane (SURR)

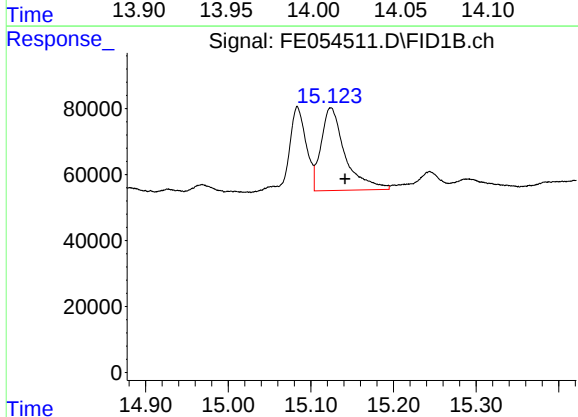
R.T.: 13.268 min
Delta R.T.: -0.012 min
Response: 1695361
Conc: 13.90 ug/ml

Instrument :
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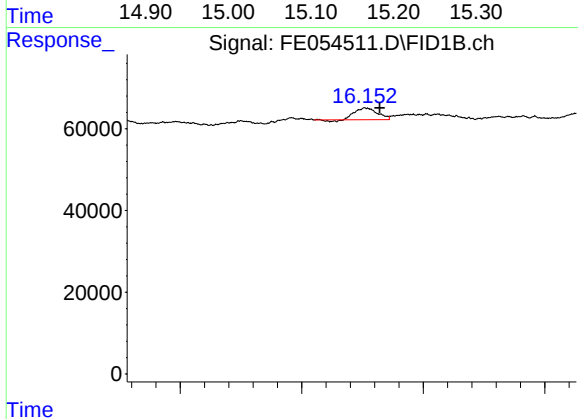
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.012 min
Response: 67350
Conc: 0.51 ug/ml



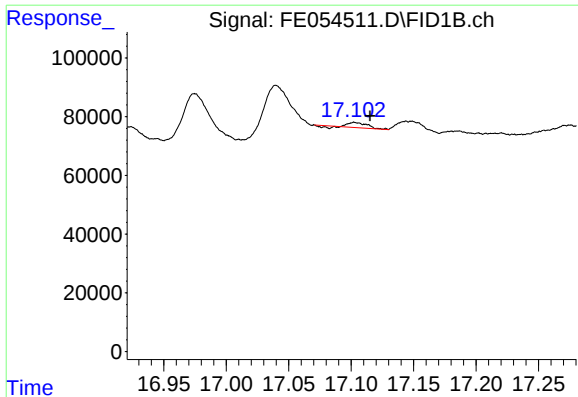
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.017 min
Response: 507831
Conc: 3.94 ug/ml



#15 n-Hexacosane (C26)

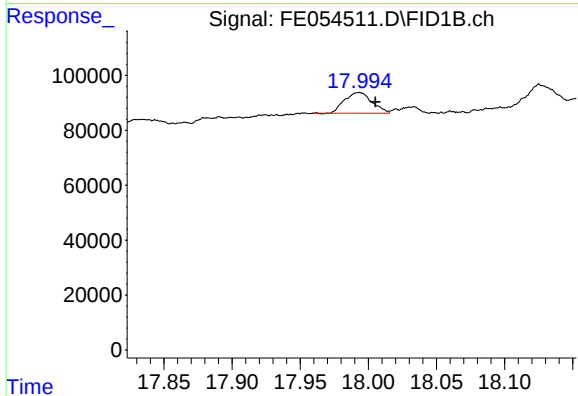
R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 35657
Conc: 0.28 ug/ml



#16 n-Octacosane (C28)

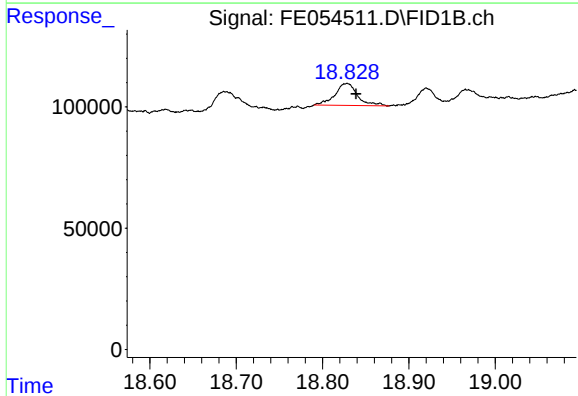
R.T.: 17.103 min
Delta R.T.: -0.012 min
Response: 14683
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :
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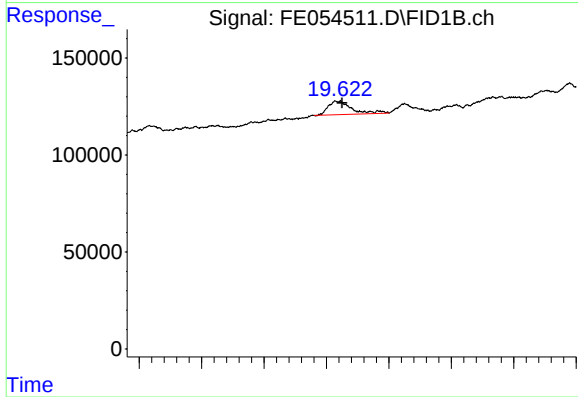
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.012 min
Response: 105646
Conc: 0.85 ug/ml



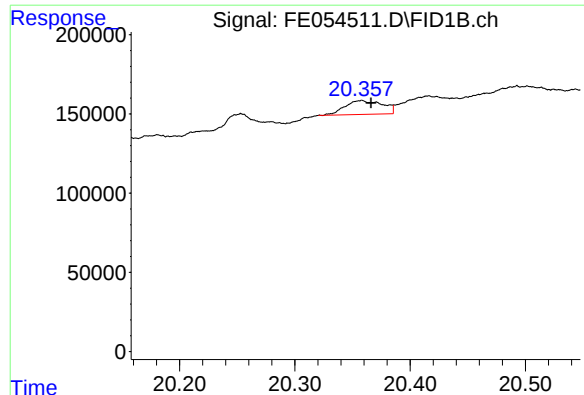
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 164943
Conc: 1.31 ug/ml



#19 n-Tetratriacontane (C34)

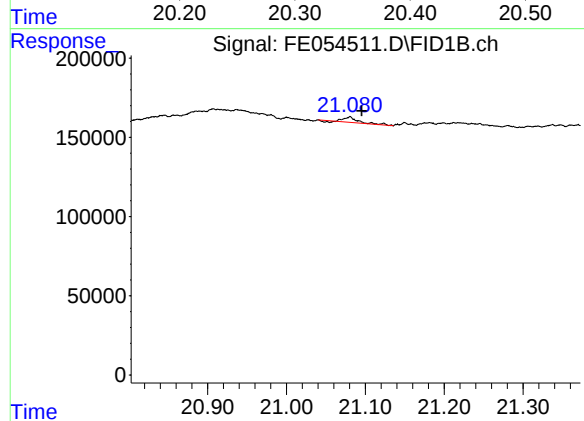
R.T.: 19.616 min
Delta R.T.: -0.009 min
Response: 183204
Conc: 1.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.009 min
Response: 198889
Conc: 1.55 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.016 min
Response: 38434
Conc: 0.29 ug/ml