

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE054006.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 18:20
 Operator : YP\AJ
 Sample : Q2113-01D
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-02-05222025

Integration File: autoint1.e
 Quant Time: May 23 23:00:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.848	6648755	40.912 ug/ml
Spiked Amount 50.000		Recovery =	81.82%
12) S 1-chlorooctadecane (S...	13.293	5483526	46.255 ug/ml
Spiked Amount 50.000		Recovery =	92.51%
Target Compounds			
4) T n-Dodecane (C12)	6.637	107158	0.786 ug/ml
6) T n-Tetradecane (C14)	8.472	388194	2.877 ug/ml
7) T n-Hexadecane (C16)	10.083	424085	3.143 ug/ml
8) T n-Octadecane (C18)	11.530	370810	2.754 ug/ml
10) T n-Eicosane (C20)	12.845	327933	2.495 ug/ml
11) T n-Heneicosane (C21)	13.458	251371	1.939 ug/ml
13) T n-Docosane (C22)	14.046	296055	2.321 ug/ml
14) T n-Tetracosane (C24)	15.144	434080	3.469 ug/ml
15) T n-Hexacosane (C26)	16.177	230628	1.883 ug/ml
16) T n-Octacosane (C28)	17.130	385044	3.167 ug/ml
17) T n-Tricontane (C30)	18.017	661988	5.314 ug/ml
18) T n-Dotriacontane (C32)	18.852	422052	3.375 ug/ml
19) T n-Tetratriacontane (C34)	19.642	448550	3.765 ug/ml
20) T n-Hexatriacontane (C36)	20.384	462539	3.995 ug/ml
21) T n-Octatriacontane (C38)	21.115	414622	3.810 ug/ml
22) T n-Tetracontane (C40)	22.018	185891	1.873 ug/ml

(f)=RT Delta > 1/2 Window

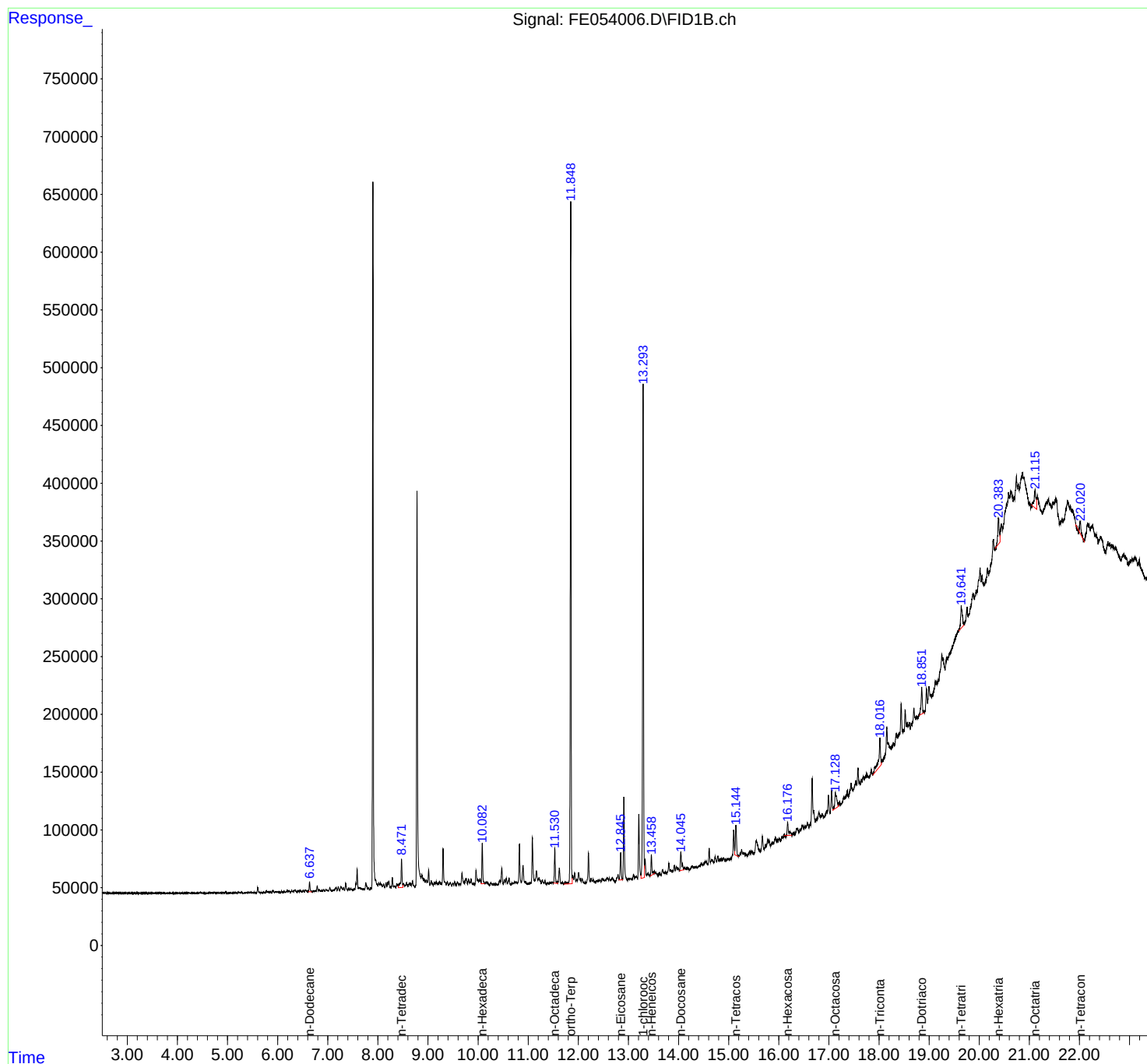
(m)=manual int.

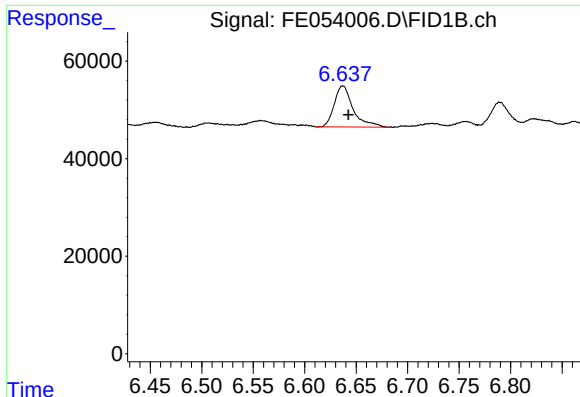
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
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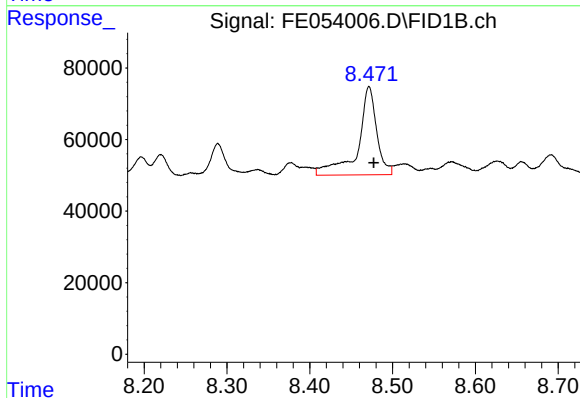




#4 n-Dodecane (C12)

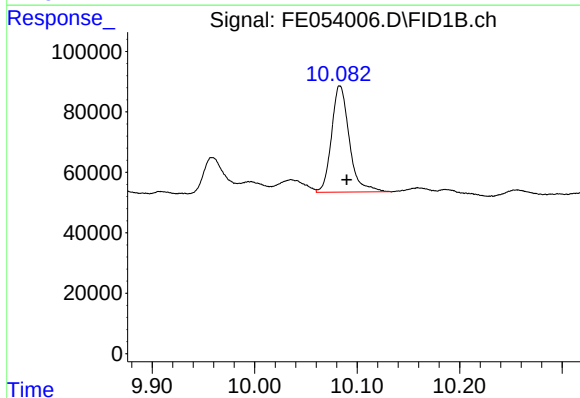
R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 107158
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-05222025



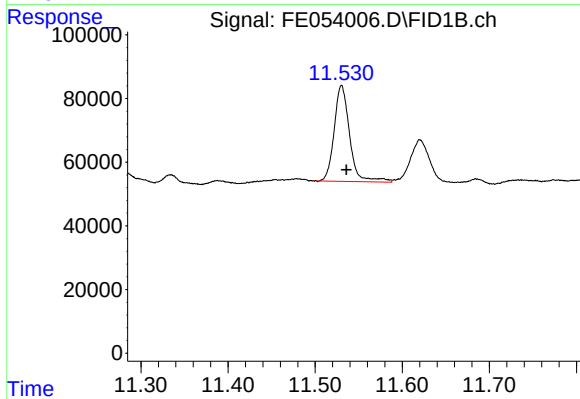
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.006 min
Response: 388194
Conc: 2.88 ug/ml



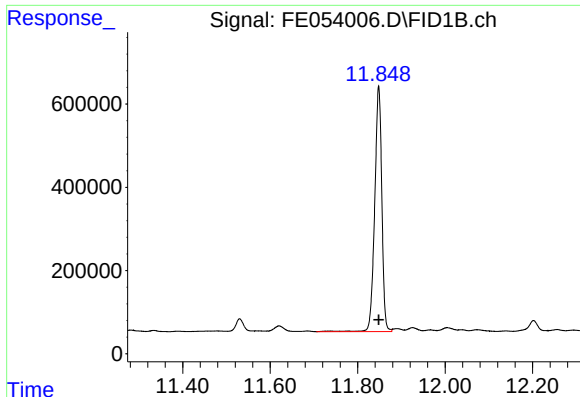
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.006 min
Response: 424085
Conc: 3.14 ug/ml



#8 n-Octadecane (C18)

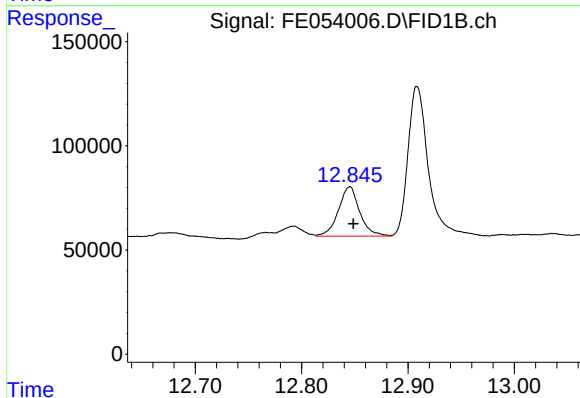
R.T.: 11.530 min
Delta R.T.: -0.005 min
Response: 370810
Conc: 2.75 ug/ml



#9 ortho-Terphenyl (SURR)

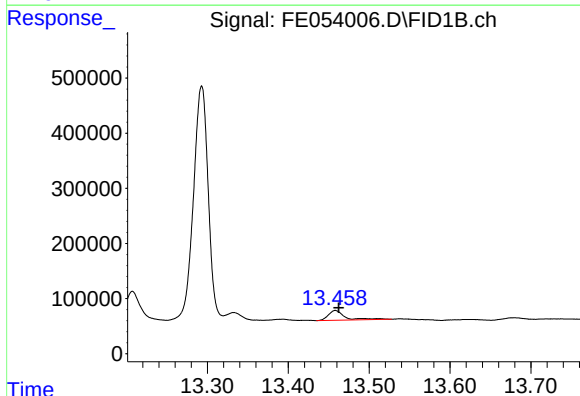
R.T.: 11.848 min
Delta R.T.: 0.000 min
Response: 6648755
Conc: 40.91 ug/ml

Instrument :
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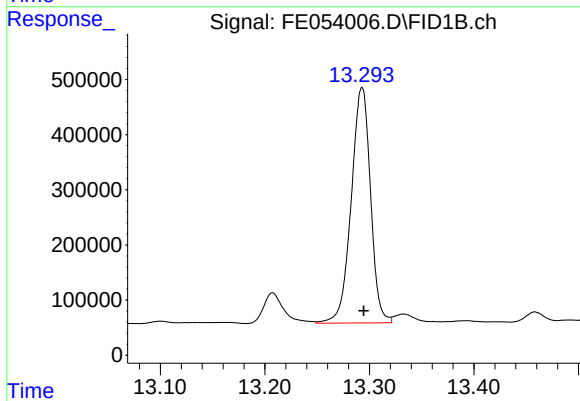
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.004 min
Response: 327933
Conc: 2.50 ug/ml



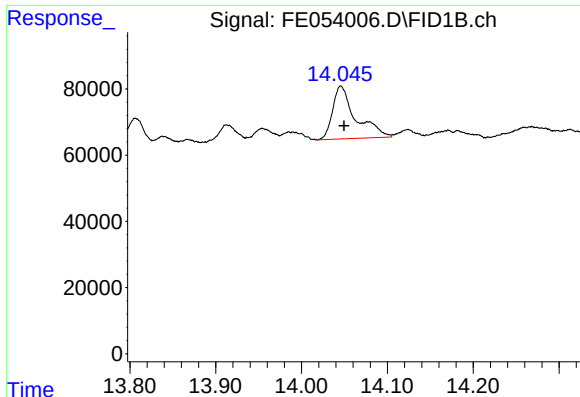
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.004 min
Response: 251371
Conc: 1.94 ug/ml



#12 1-chlorooctadecane (SURR)

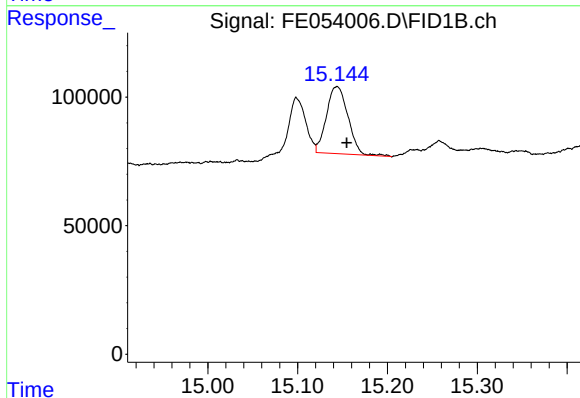
R.T.: 13.293 min
Delta R.T.: -0.002 min
Response: 5483526
Conc: 46.26 ug/ml



#13 n-Docosane (C22)

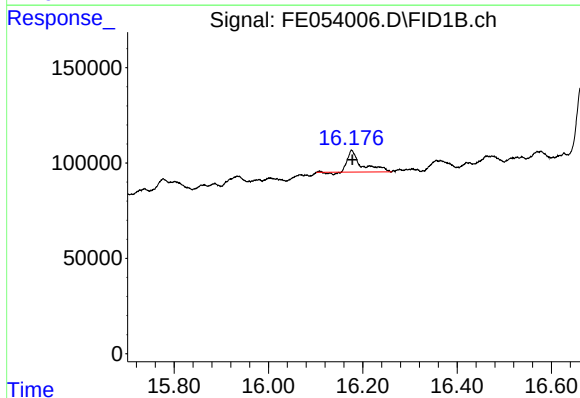
R.T.: 14.046 min
Delta R.T.: -0.003 min
Response: 296055
Conc: 2.32 ug/ml

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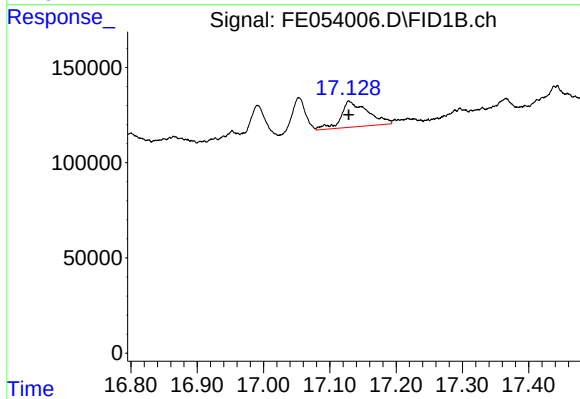
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.011 min
Response: 434080
Conc: 3.47 ug/ml



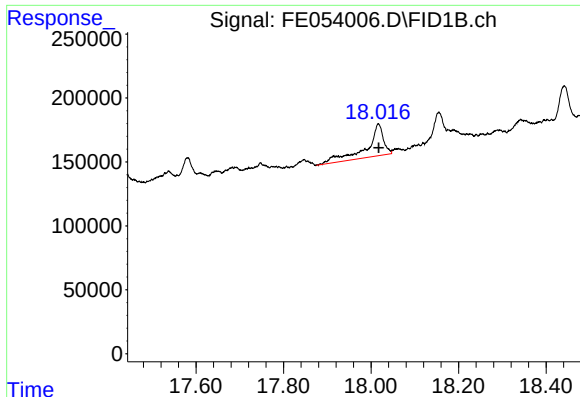
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: 0.000 min
Response: 230628
Conc: 1.88 ug/ml



#16 n-Octacosane (C28)

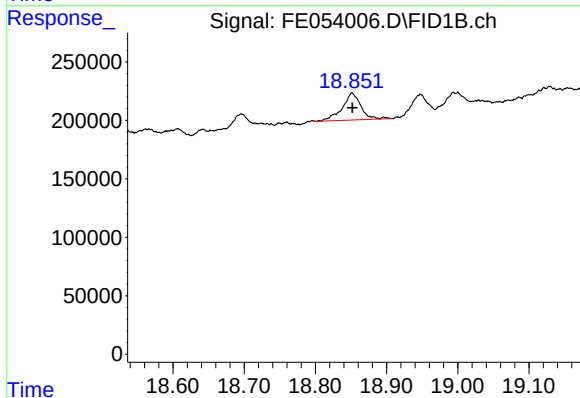
R.T.: 17.130 min
Delta R.T.: 0.000 min
Response: 385044
Conc: 3.17 ug/ml



#17 n-Tricontane (C30)

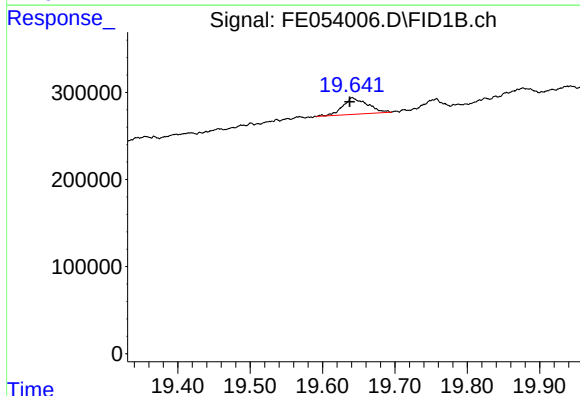
R.T.: 18.017 min
Delta R.T.: 0.000 min
Response: 661988
Conc: 5.31 ug/ml

Instrument :
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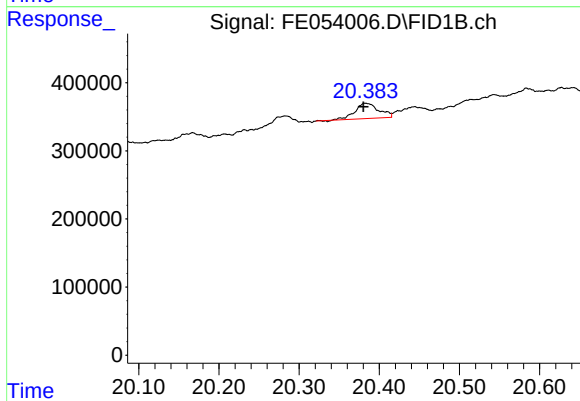
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 422052
Conc: 3.37 ug/ml



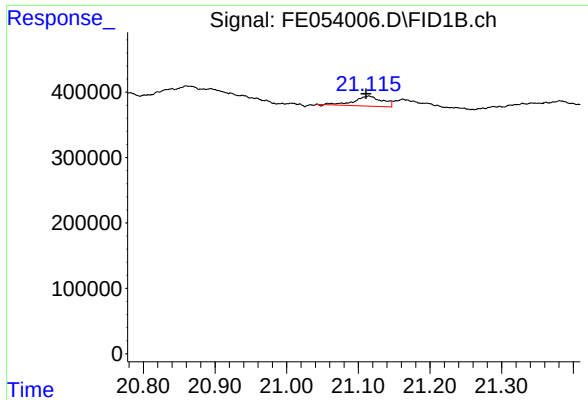
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: 0.004 min
Response: 448550
Conc: 3.77 ug/ml



#20 n-Hexatriacontane (C36)

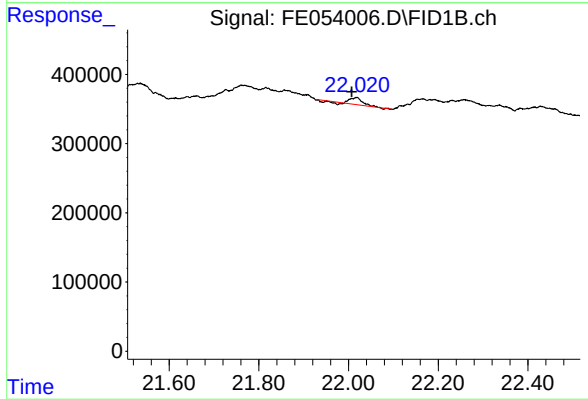
R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 462539
Conc: 3.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.004 min
Response: 414622
Conc: 3.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.011 min
Response: 185891
Conc: 1.87 ug/ml