

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060225AL\
 Data File : FE054117.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2025 11:47
 Operator : YP\AJ
 Sample : Q2152-02DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-02-05292025-E2DL

Integration File: autoint1.e
 Quant Time: Jun 03 01:17:32 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)	11.843	6230113	38.336 ug/ml
Spiked Amount 50.000		Recovery =	76.67%
12) S 1-chlorooctadecane (S...	13.288	5093417	42.965 ug/ml
Spiked Amount 50.000		Recovery =	85.93%
Target Compounds			
5) T A~2-methylnaphthalene...	7.274	43782	0.316 ug/ml
6) T n-Tetradecane (C14)	8.466	68469	0.507 ug/ml
7) T n-Hexadecane (C16)	10.078	99756	0.739 ug/ml
8) T n-Octadecane (C18)	11.525	70879	0.526 ug/ml
10) T n-Eicosane (C20)	12.838	301816	2.296 ug/ml
11) T n-Heneicosane (C21)	13.454	81519	0.629 ug/ml
13) T n-Docosane (C22)	14.040	143242	1.123 ug/ml
14) T n-Tetracosane (C24)	15.135	770735	6.160 ug/ml
15) T n-Hexacosane (C26)	16.173	192826	1.575 ug/ml
16) T n-Octacosane (C28)	17.148	390191	3.210 ug/ml
17) T n-Tricontane (C30)	18.014	524063	4.207 ug/ml
18) T n-Dotriacontane (C32)	18.851	294396	2.354 ug/ml
19) T n-Tetratriacontane (C34)	19.663	488737	4.103 ug/ml
20) T n-Hexatriacontane (C36)	20.381	142201	1.228 ug/ml
21) T n-Octatriacontane (C38)	21.112	156999	1.443 ug/ml
22) T n-Tetracontane (C40)	22.016	123036	1.240 ug/ml

(f)=RT Delta > 1/2 Window

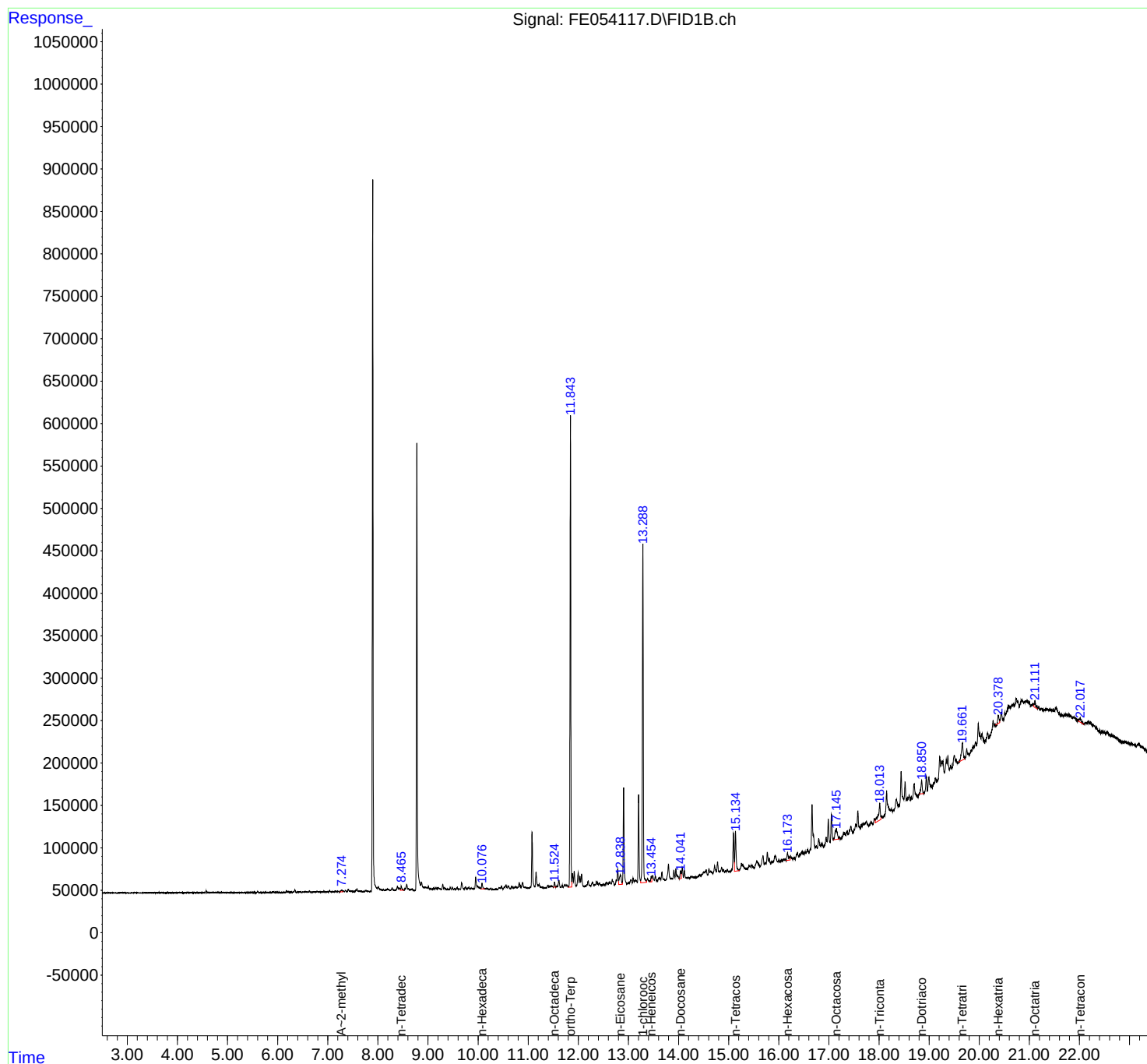
(m)=manual int.

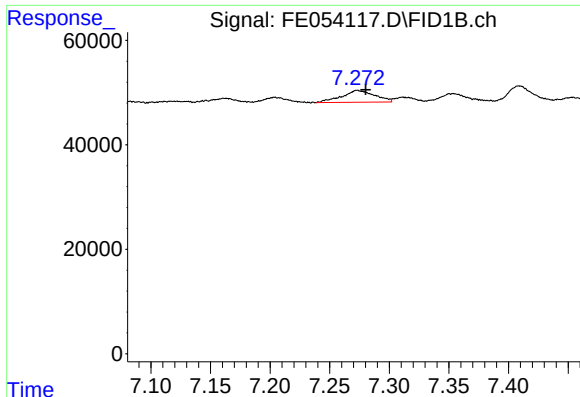
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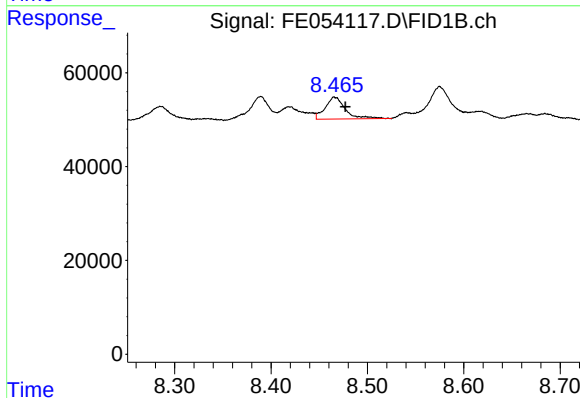




#5 A~2-methylnaphthalene (C12.89)

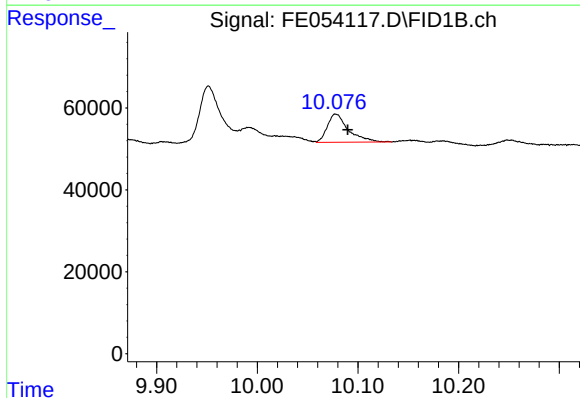
R.T.: 7.274 min
Delta R.T.: -0.006 min
Response: 43782
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
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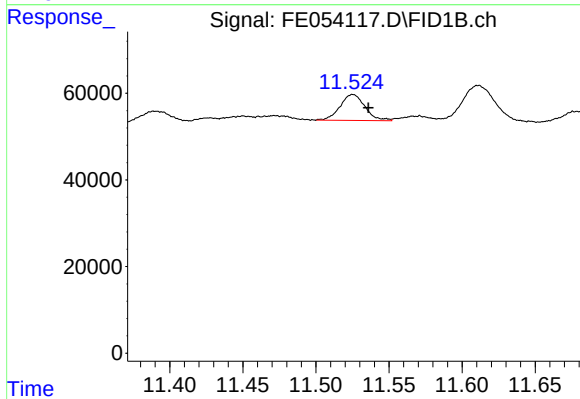
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.011 min
Response: 68469
Conc: 0.51 ug/ml



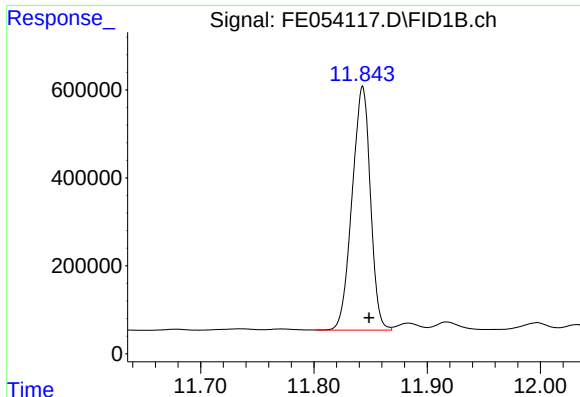
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.011 min
Response: 99756
Conc: 0.74 ug/ml



#8 n-Octadecane (C18)

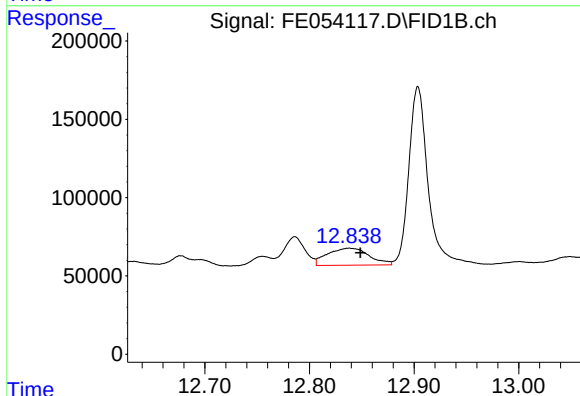
R.T.: 11.525 min
Delta R.T.: -0.011 min
Response: 70879
Conc: 0.53 ug/ml



#9 ortho-Terphenyl (SURR)

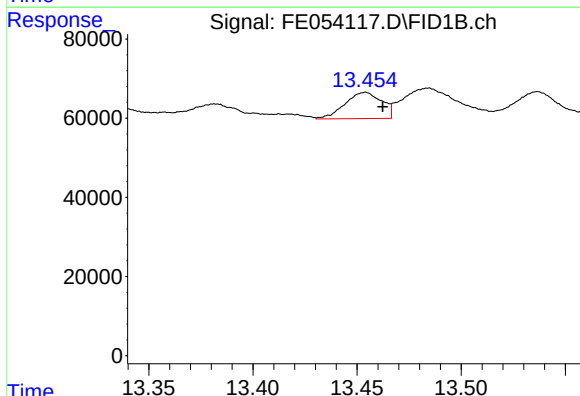
R.T.: 11.843 min
Delta R.T.: -0.006 min
Response: 6230113
Conc: 38.34 ug/ml

Instrument :
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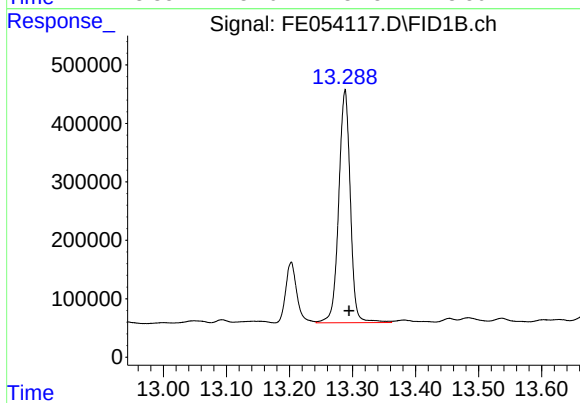
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.010 min
Response: 301816
Conc: 2.30 ug/ml



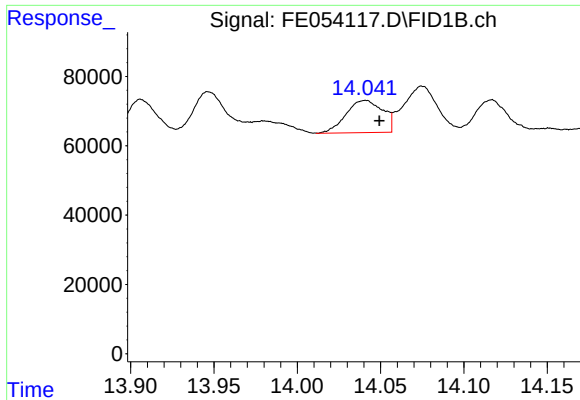
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 81519
Conc: 0.63 ug/ml



#12 1-chlorooctadecane (SURR)

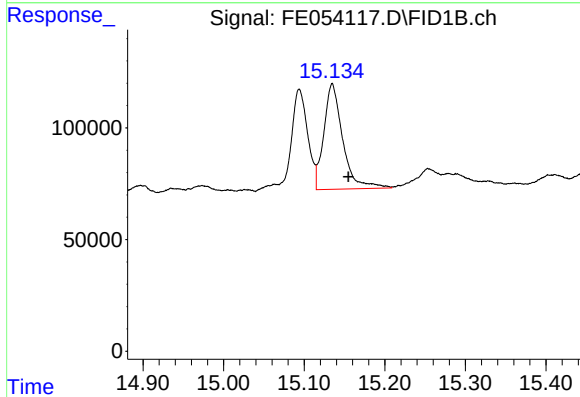
R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 5093417
Conc: 42.96 ug/ml



#13 n-Docosane (C22)

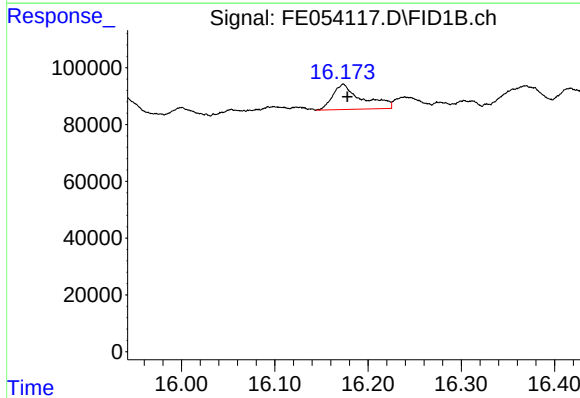
R.T.: 14.040 min
Delta R.T.: -0.009 min
Response: 143242
Conc: 1.12 ug/ml

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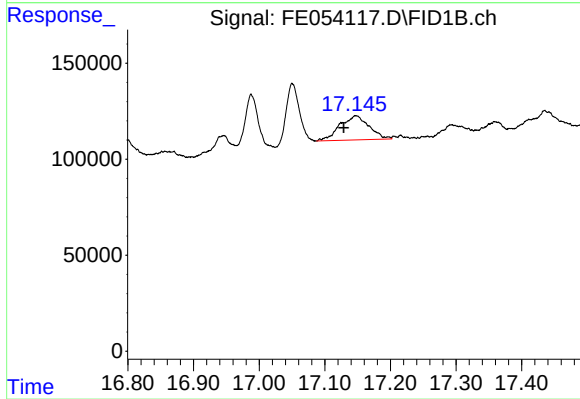
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.020 min
Response: 770735
Conc: 6.16 ug/ml



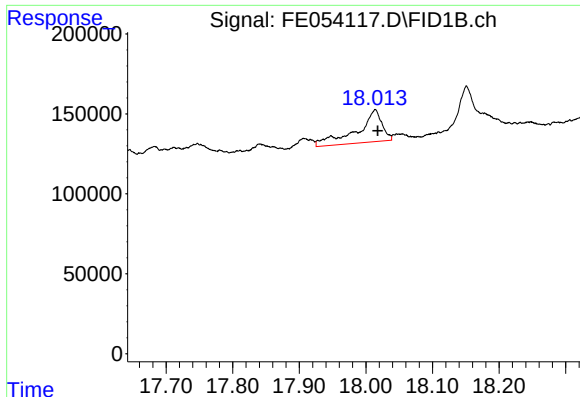
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.005 min
Response: 192826
Conc: 1.57 ug/ml



#16 n-Octacosane (C28)

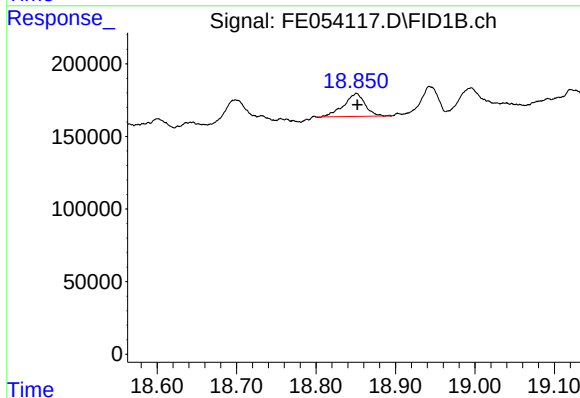
R.T.: 17.148 min
Delta R.T.: 0.019 min
Response: 390191
Conc: 3.21 ug/ml



#17 n-Tricontane (C30)

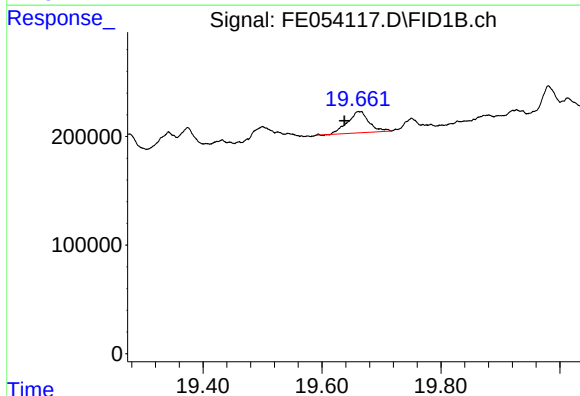
R.T.: 18.014 min
Delta R.T.: -0.004 min
Response: 524063
Conc: 4.21 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-02-05292025-E2DL



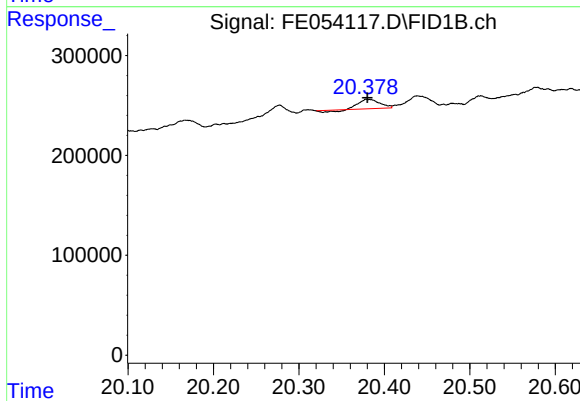
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.002 min
Response: 294396
Conc: 2.35 ug/ml



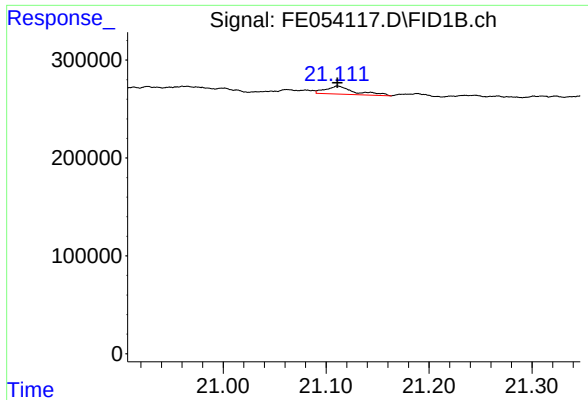
#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: 0.025 min
Response: 488737
Conc: 4.10 ug/ml



#20 n-Hexatriacontane (C36)

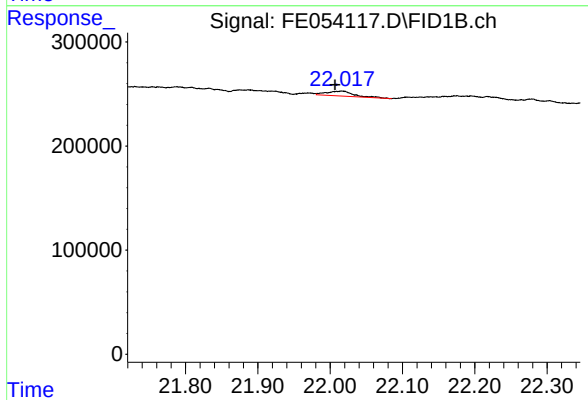
R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 142201
Conc: 1.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 156999
Conc: 1.44 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: 0.009 min
Response: 123036
Conc: 1.24 ug/ml