

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054416.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2025 20:48
 Operator : YP\AJ
 Sample : Q2322-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CL-01-061325-E2

Integration File: sample.E
 Quant Time: Jun 17 03:29:01 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)	11.825	5442311	32.937 ug/ml
Spiked Amount 50.000		Recovery =	65.87%
12) S 1-chlorooctadecane (S...	13.269	5706797	46.797 ug/ml
Spiked Amount 50.000		Recovery =	93.59%
Target Compounds			
6) T n-Tetradecane (C14)	8.453	57132	0.441 ug/ml
7) T n-Hexadecane (C16)	10.064	315974	2.379 ug/ml
8) T n-Octadecane (C18)	11.509	316183	2.342 ug/ml
10) T n-Eicosane (C20)	12.822	418014	3.125 ug/ml
11) T n-Heneicosane (C21)	13.435	302795	2.277 ug/ml
13) T n-Docosane (C22)	14.023	421453	3.214 ug/ml
14) T n-Tetracosane (C24)	15.121	1492529	11.571 ug/ml
15) T n-Hexacosane (C26)	16.153	938729	7.478 ug/ml
16) T n-Octacosane (C28)	17.110	1110171	9.053 ug/ml
17) T n-Tricontane (C30)	17.991	2904057	23.431 ug/ml
18) T n-Dotriacontane (C32)	18.827	4302158	34.241 ug/ml
19) T n-Tetratriacontane (C34)	19.628	4693188	37.725 ug/ml
20) T n-Hexatriacontane (C36)	20.360	4787872	37.193 ug/ml
21) T n-Octatriacontane (C38)	21.081	5413271	40.997 ug/ml
22) T n-Tetracontane (C40)	21.964	5802731	43.077 ug/ml

(f)=RT Delta > 1/2 Window

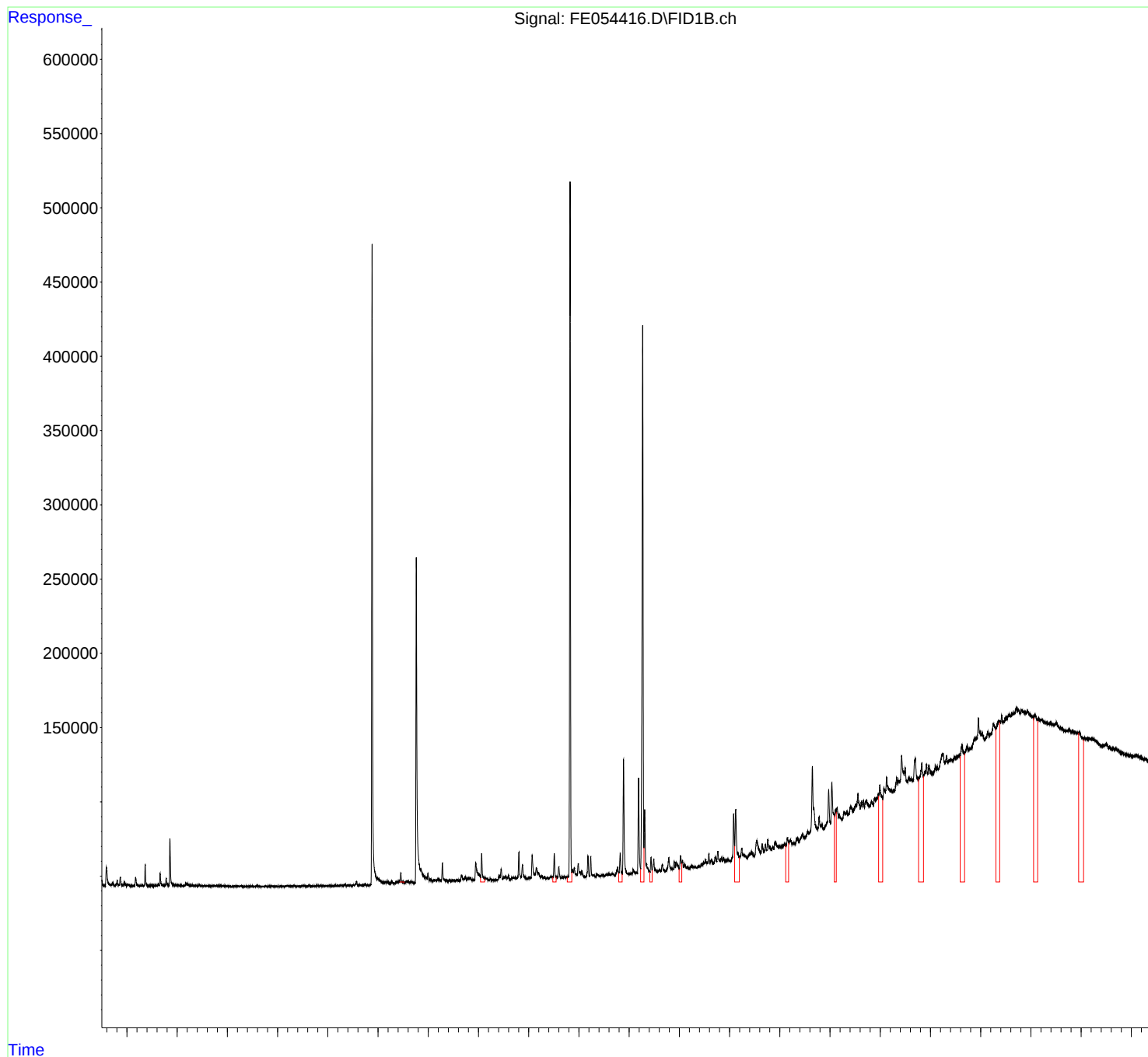
(m)=manual int.

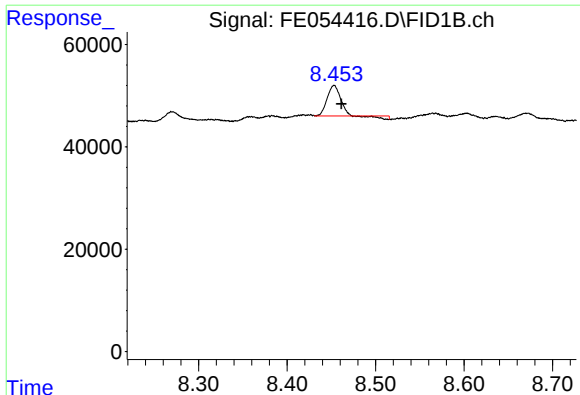
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
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Integrator: ChemStation

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

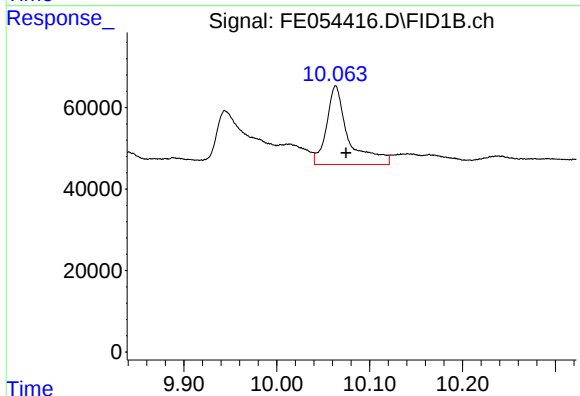




#6 n-Tetradecane (C14)

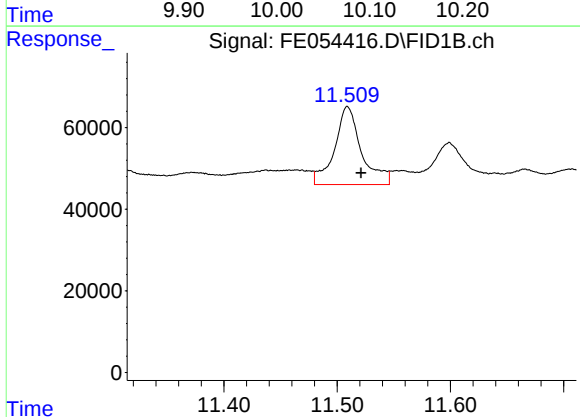
R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 57132
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :
CL-01-061325-E2



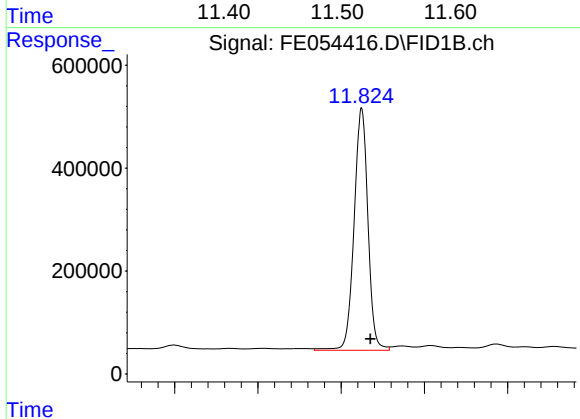
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 315974
Conc: 2.38 ug/ml



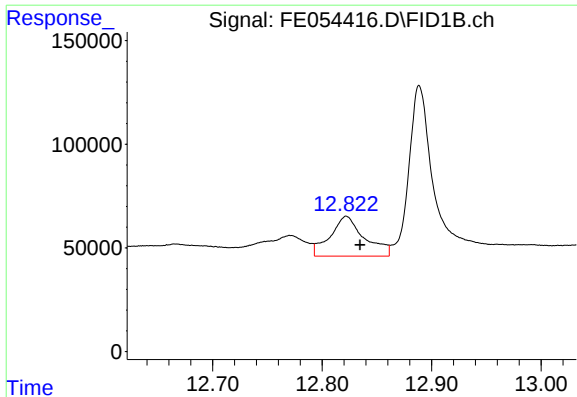
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 316183
Conc: 2.34 ug/ml



#9 ortho-Terphenyl (SURR)

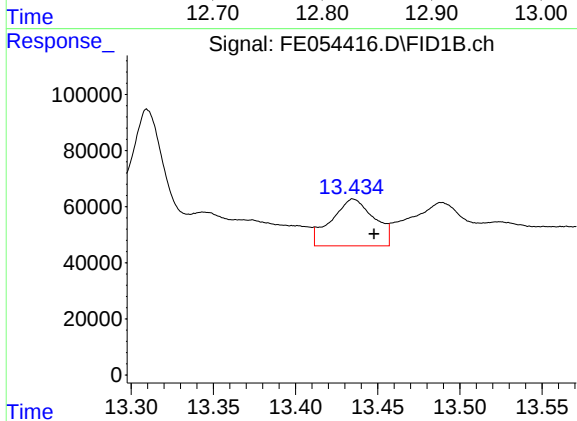
R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 5442311
Conc: 32.94 ug/ml



#10 n-Eicosane (C20)

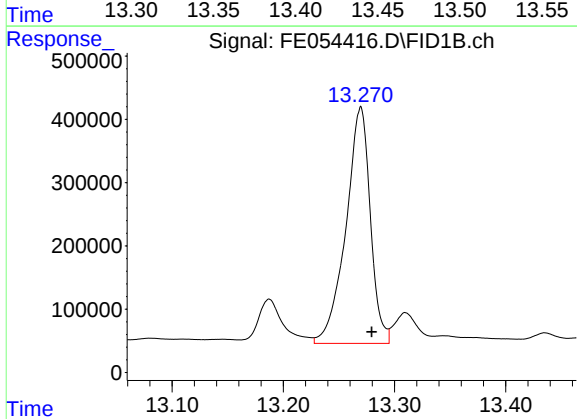
R.T.: 12.822 min
Delta R.T.: -0.013 min
Response: 418014
Conc: 3.12 ug/ml

Instrument :
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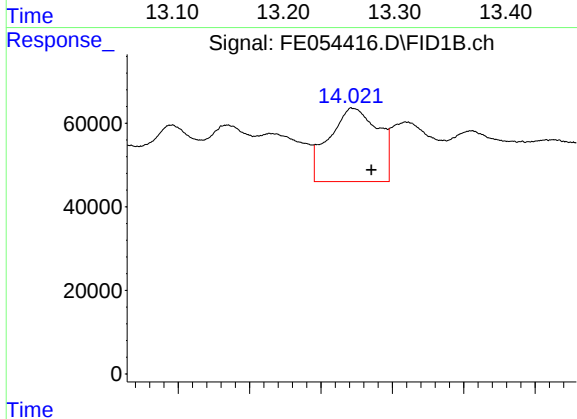
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.012 min
Response: 302795
Conc: 2.28 ug/ml



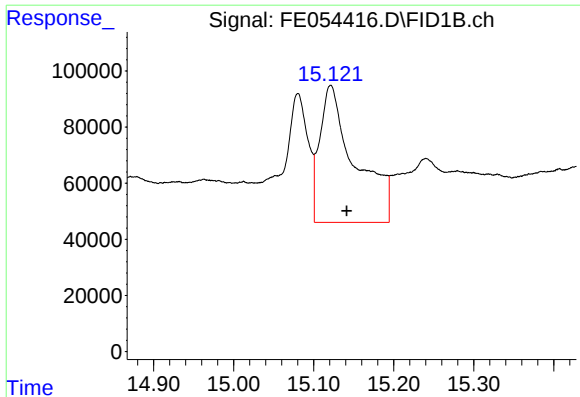
#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.010 min
Response: 5706797
Conc: 46.80 ug/ml



#13 n-Docosane (C22)

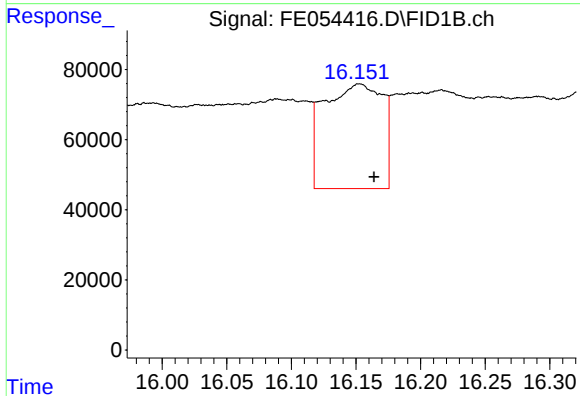
R.T.: 14.023 min
Delta R.T.: -0.013 min
Response: 421453
Conc: 3.21 ug/ml



#14 n-Tetracosane (C24)

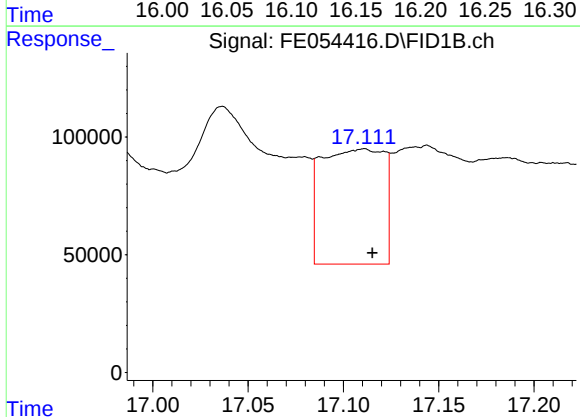
R.T.: 15.121 min
Delta R.T.: -0.020 min
Response: 1492529
Conc: 11.57 ug/ml

Instrument :
FID_E
ClientSampleId :
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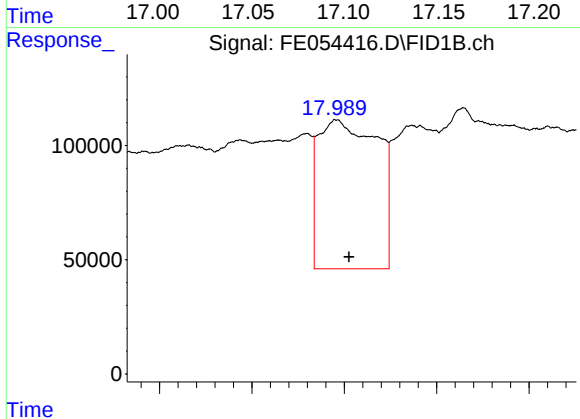
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 938729
Conc: 7.48 ug/ml



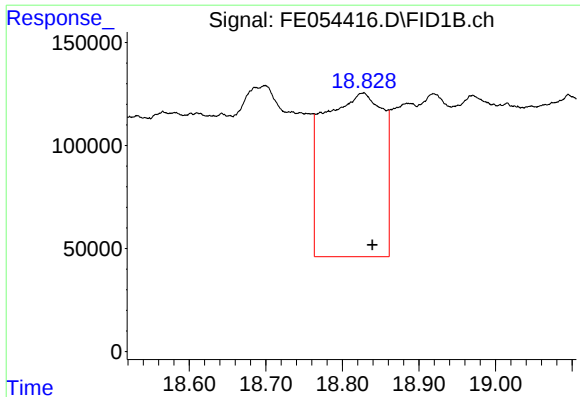
#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.005 min
Response: 1110171
Conc: 9.05 ug/ml



#17 n-Tricontane (C30)

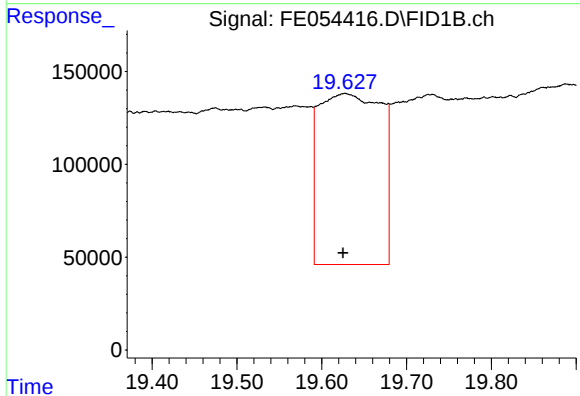
R.T.: 17.991 min
Delta R.T.: -0.014 min
Response: 2904057
Conc: 23.43 ug/ml



#18 n-Dotriacontane (C32)

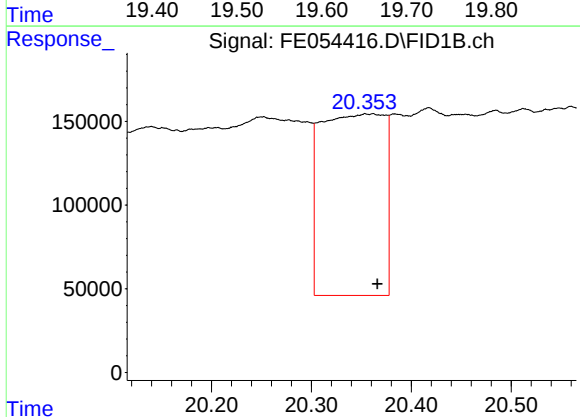
R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 4302158
Conc: 34.24 ug/ml

Instrument :
FID_E
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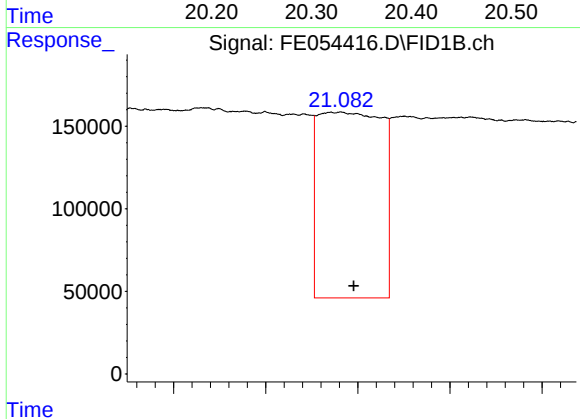
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: 0.002 min
Response: 4693188
Conc: 37.72 ug/ml



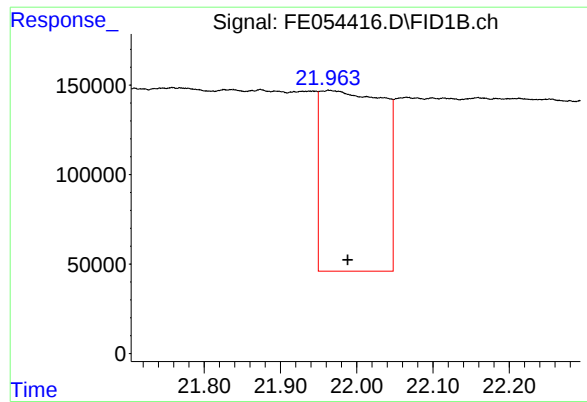
#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.007 min
Response: 4787872
Conc: 37.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.015 min
Response: 5413271
Conc: 41.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.024 min
Response: 5802731
Conc: 43.08 ug/ml

Instrument :

FID_E

ClientSampleId :

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