

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054415.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2025 20:18
 Operator : YP\AJ
 Sample : Q2322-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CL-01-061325

Integration File: sample.E
 Quant Time: Jun 17 03:28:49 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	6519527	39.456 ug/ml
Spiked Amount 50.000		Recovery =	78.91%
12) S 1-chlorooctadecane (S...	13.270	5698317	46.727 ug/ml
Spiked Amount 50.000		Recovery =	93.45%
Target Compounds			
6) T n-Tetradecane (C14)	8.452	34688	0.268 ug/ml
7) T n-Hexadecane (C16)	10.063	332473	2.503 ug/ml
8) T n-Octadecane (C18)	11.509	490636	3.633 ug/ml
10) T n-Eicosane (C20)	12.822	499741	3.736 ug/ml
11) T n-Heneicosane (C21)	13.435	285391	2.146 ug/ml
13) T n-Docosane (C22)	14.022	339162	2.587 ug/ml
14) T n-Tetracosane (C24)	15.120	1379854	10.697 ug/ml
15) T n-Hexacosane (C26)	16.151	655841	5.225 ug/ml
16) T n-Octacosane (C28)	17.138	1605089	13.089 ug/ml
17) T n-Tricontane (C30)	17.990	1605056	12.950 ug/ml
18) T n-Dotriacontane (C32)	18.824	2752979	21.911 ug/ml
19) T n-Tetratriacontane (C34)	19.630	4574322	36.769 ug/ml
20) T n-Hexatriacontane (C36)	20.375	683547	5.310 ug/ml
21) T n-Octatriacontane (C38)	21.078	6970128	52.787 ug/ml
22) T n-Tetracontane (C40)	21.968	4636724	34.421 ug/ml

(f)=RT Delta > 1/2 Window

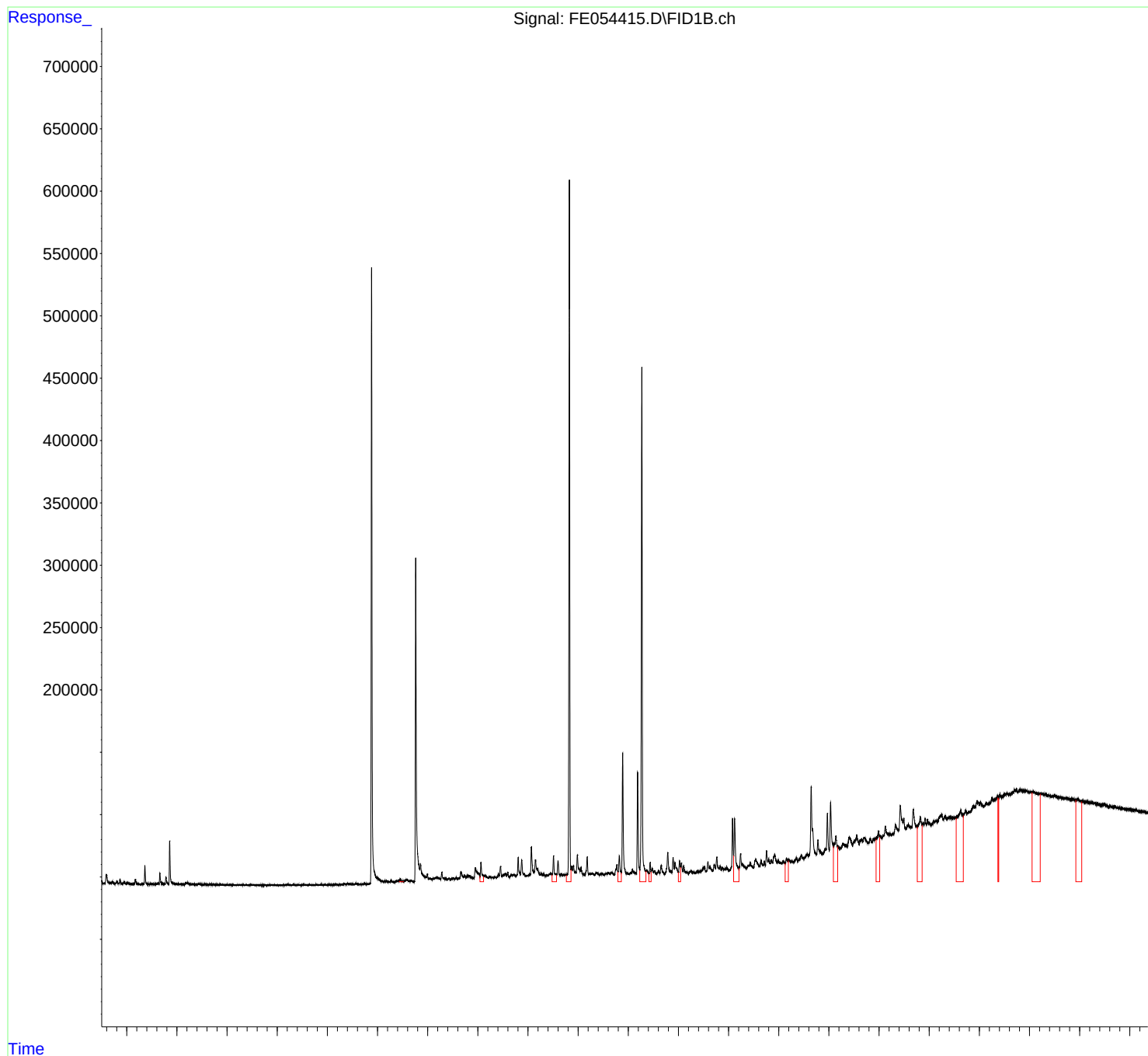
(m)=manual int.

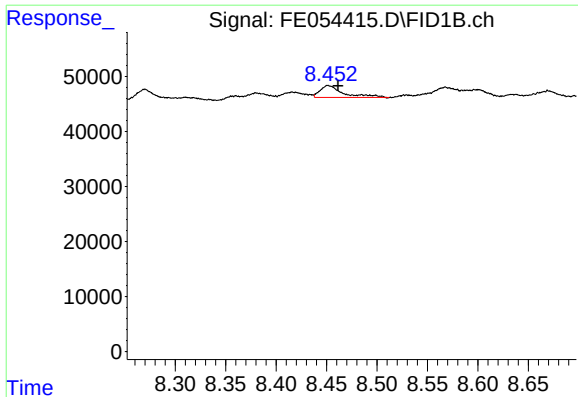
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
Data File : FE054415.D
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

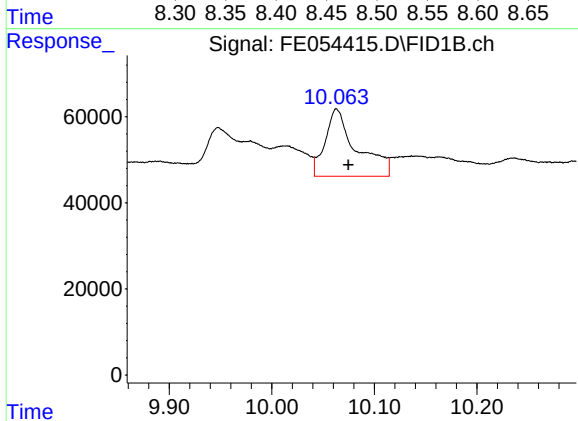




#6 n-Tetradecane (C14)

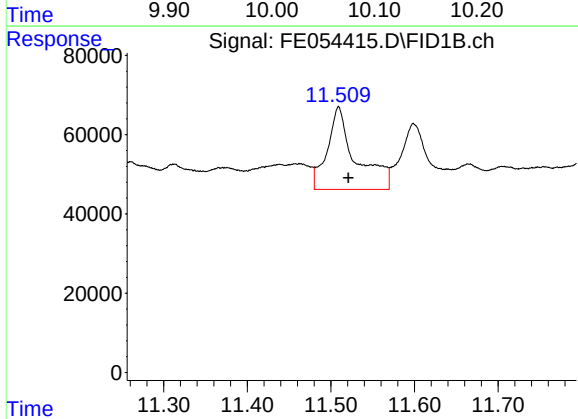
R.T.: 8.452 min
Delta R.T.: -0.009 min
Response: 34688
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
CL-01-061325



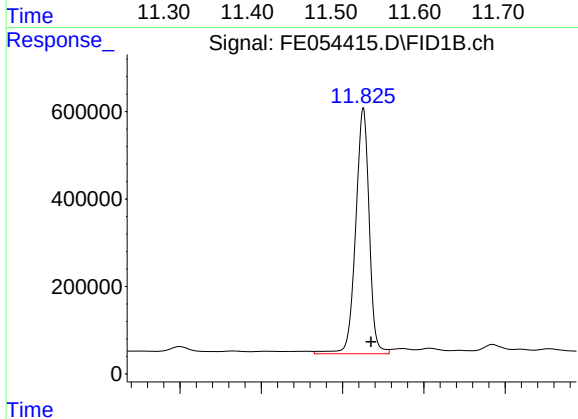
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.011 min
Response: 332473
Conc: 2.50 ug/ml



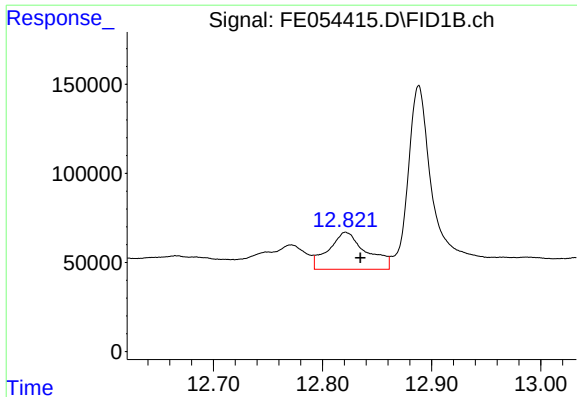
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 490636
Conc: 3.63 ug/ml



#9 ortho-Terphenyl (SURRE)

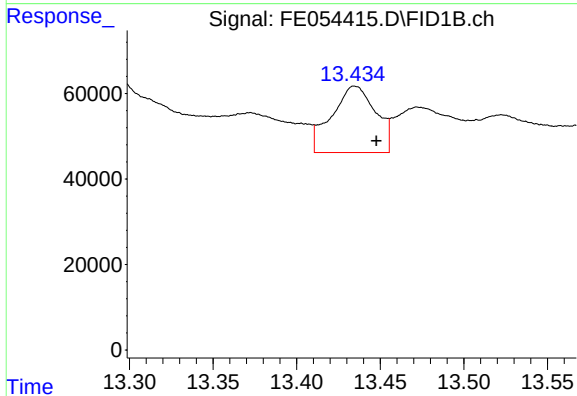
R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 6519527
Conc: 39.46 ug/ml



#10 n-Eicosane (C20)

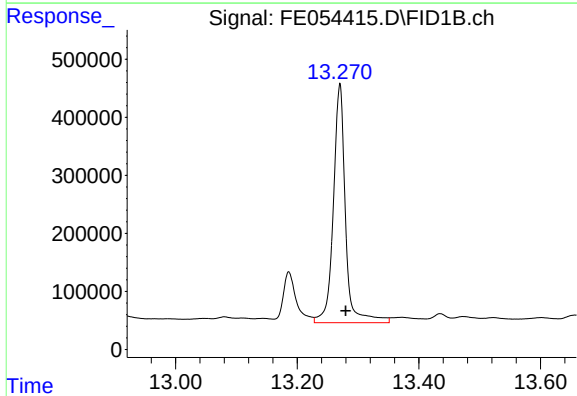
R.T.: 12.822 min
Delta R.T.: -0.013 min
Response: 499741
Conc: 3.74 ug/ml

Instrument :
FID_E
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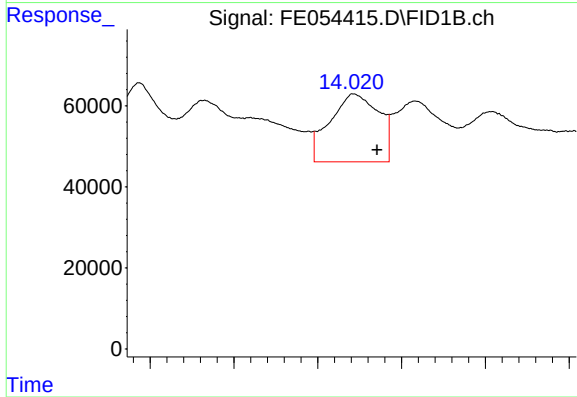
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.013 min
Response: 285391
Conc: 2.15 ug/ml



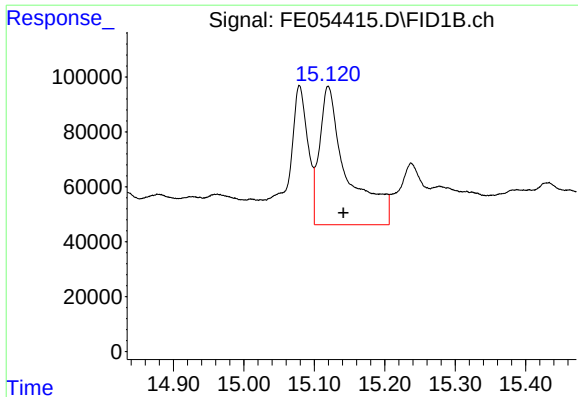
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 5698317
Conc: 46.73 ug/ml



#13 n-Docosane (C22)

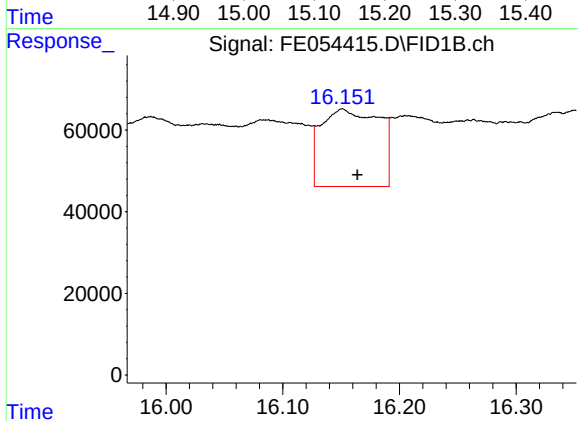
R.T.: 14.022 min
Delta R.T.: -0.013 min
Response: 339162
Conc: 2.59 ug/ml



#14 n-Tetracosane (C24)

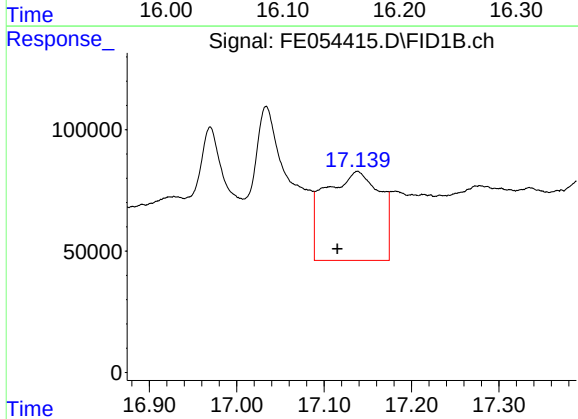
R.T.: 15.120 min
Delta R.T.: -0.021 min
Response: 1379854
Conc: 10.70 ug/ml

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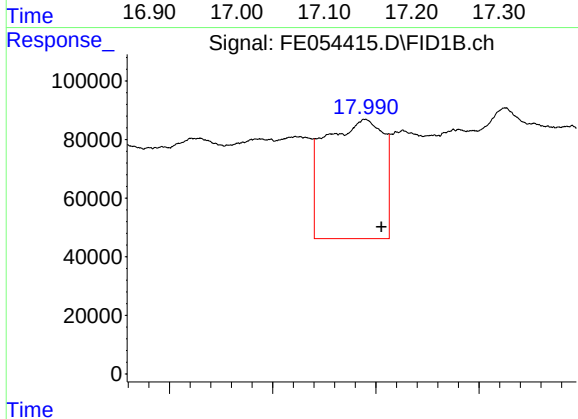
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 655841
Conc: 5.22 ug/ml



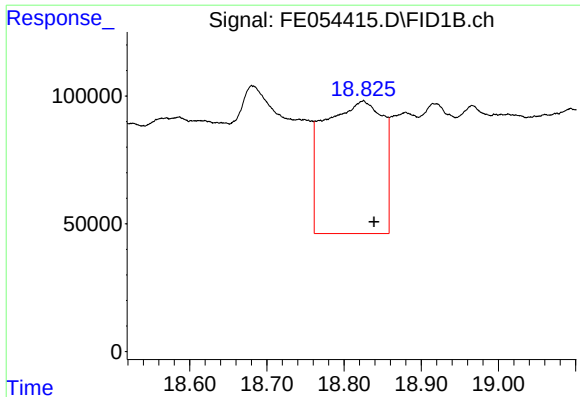
#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.023 min
Response: 1605089
Conc: 13.09 ug/ml



#17 n-Tricontane (C30)

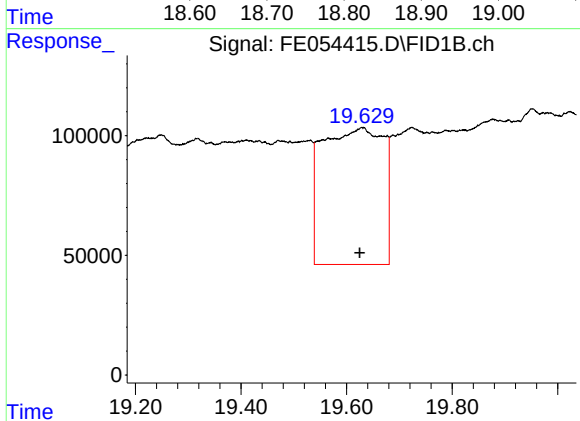
R.T.: 17.990 min
Delta R.T.: -0.016 min
Response: 1605056
Conc: 12.95 ug/ml



#18 n-Dotriacontane (C32)

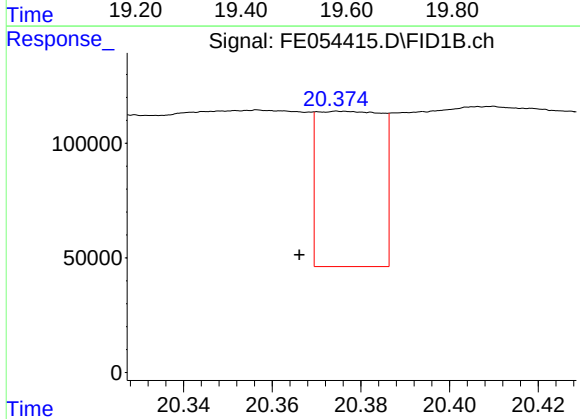
R.T.: 18.824 min
Delta R.T.: -0.015 min
Response: 2752979
Conc: 21.91 ug/ml

Instrument :
FID_E
ClientSampleId :
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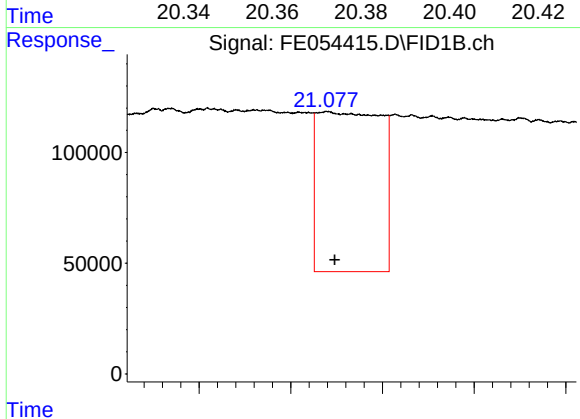
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.005 min
Response: 4574322
Conc: 36.77 ug/ml



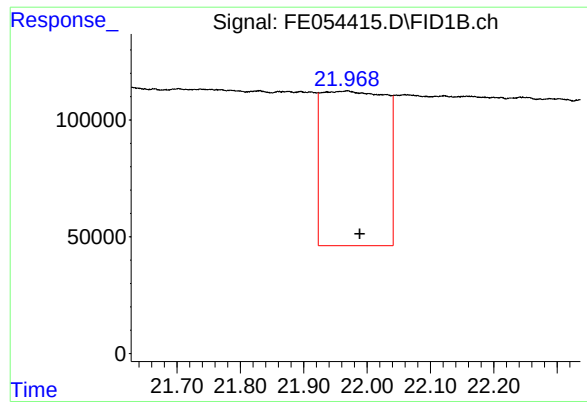
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: 0.009 min
Response: 683547
Conc: 5.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.017 min
Response: 6970128
Conc: 52.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.020 min
Response: 4636724
Conc: 34.42 ug/ml

Instrument :

FID_E

ClientSampleId :

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