

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043240.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2023 21:07
 Operator : YP\AJ
 Sample : 03619-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 01:31:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.913	21516533	120.160 ug/ml
Spiked Amount 50.000		Recovery =	240.32%
12) S 1-chlorooctadecane (S...	13.350	16245309	123.637 ug/ml
Spiked Amount 50.000		Recovery =	247.27%
Target Compounds			
1) T n-Nonane (C9)	3.224f	71439	0.468 ug/ml
2) T n-Decane (C10)	4.530	69395	0.445 ug/ml
4) T n-Dodecane (C12)	6.702	160757	1.020 ug/ml
6) T n-Tetradecane (C14)	8.531	286786	1.813 ug/ml
7) T n-Hexadecane (C16)	10.145	2791719	17.250 ug/ml
8) T n-Octadecane (C18)	11.589	7315709	44.877 ug/ml
10) T n-Eicosane (C20)	12.903	7982868	51.380 ug/ml
11) T n-Heneicosane (C21)	13.519	5941620	39.218 ug/ml
13) T n-Docosane (C22)	14.097	6313583	42.245 ug/ml
14) T n-Tetracosane (C24)	15.192	1197820	8.156 ug/ml
15) T n-Hexacosane (C26)	16.219	146002	1.025 ug/ml
18) T n-Dotriacontane (C32)	18.906	256237	1.729 ug/ml
19) T n-Tetratriacontane (C34)	19.649	225206	1.560 ug/ml
20) T n-Hexatriacontane (C36)	20.473f	81590	0.555 ug/ml
21) T n-Octatriacontane (C38)	21.118	280545	1.967 ug/ml
22) T n-Tetracontane (C40)	22.038	198800	1.347 ug/ml

(f)=RT Delta > 1/2 Window

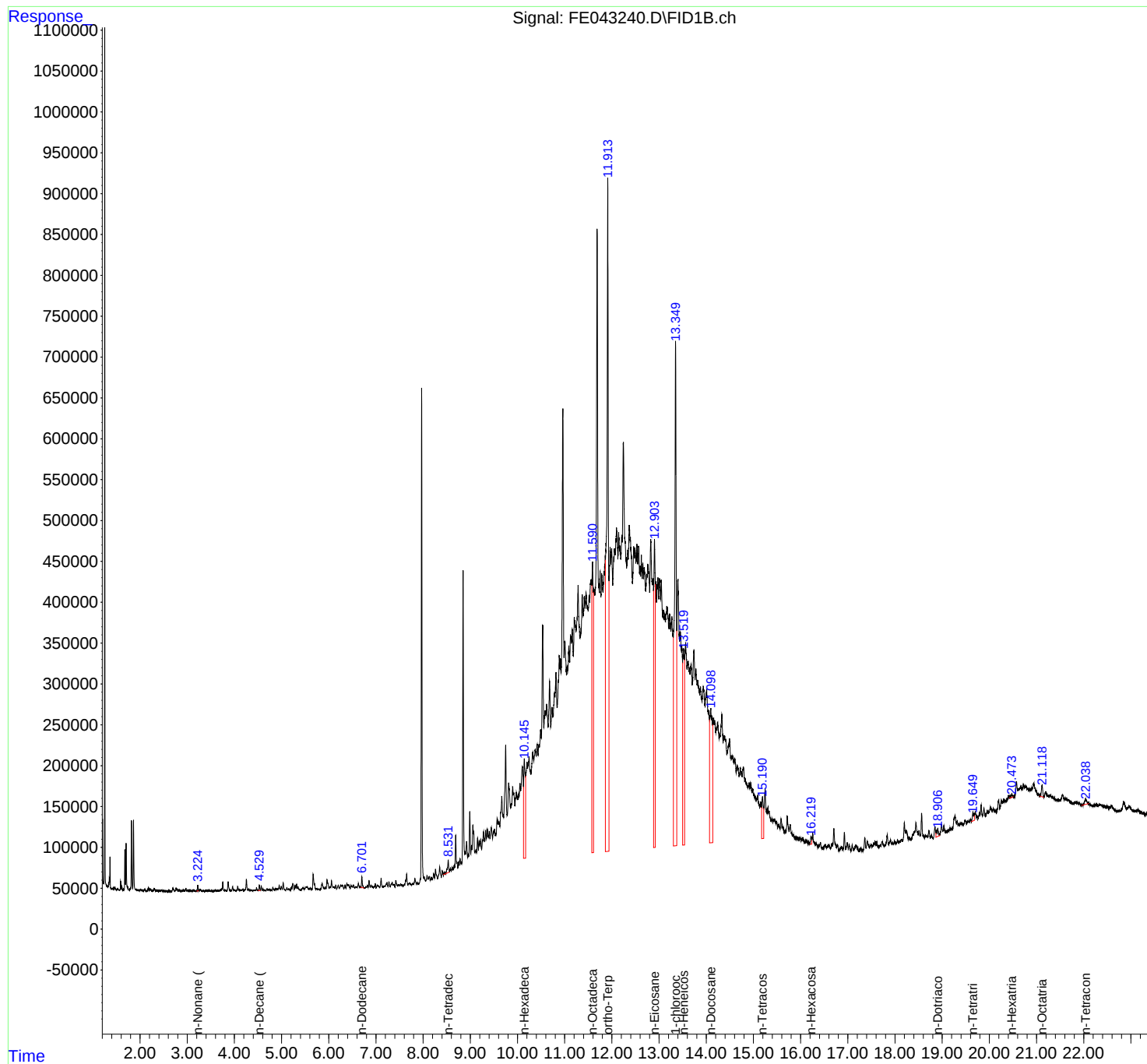
(m)=manual int.

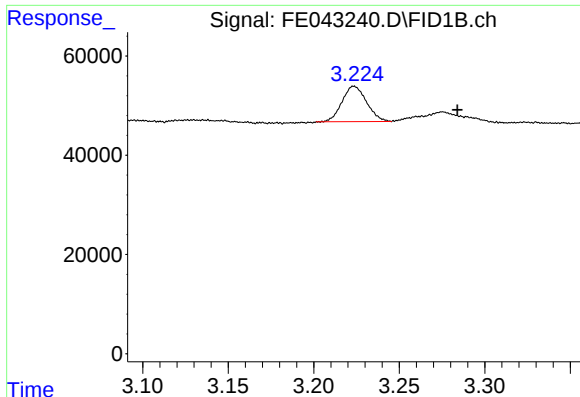
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
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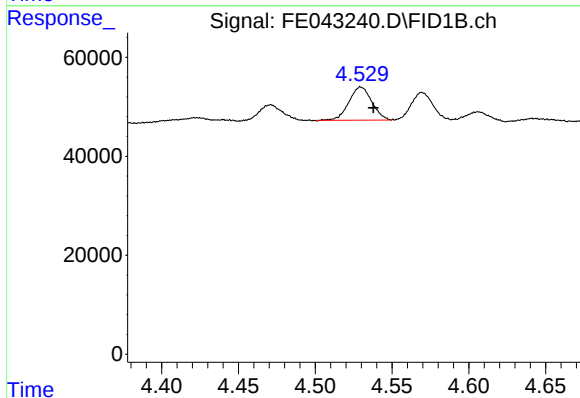




#1 n-Nonane (C9)

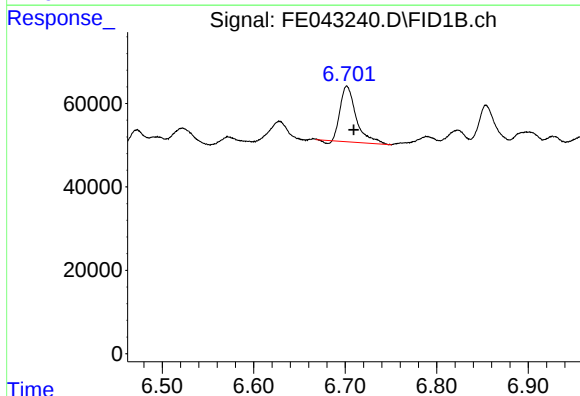
R.T.: 3.224 min
Delta R.T.: -0.060 min
Response: 71439
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



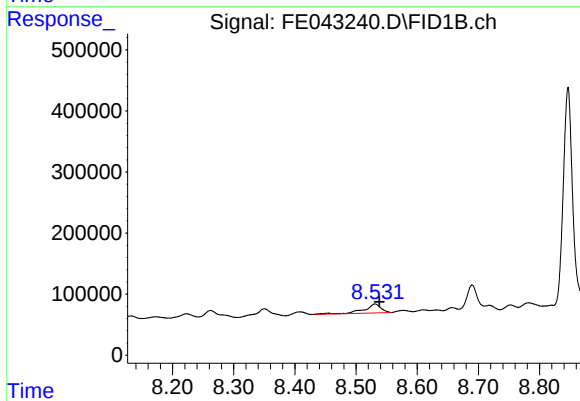
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: -0.008 min
Response: 69395
Conc: 0.45 ug/ml



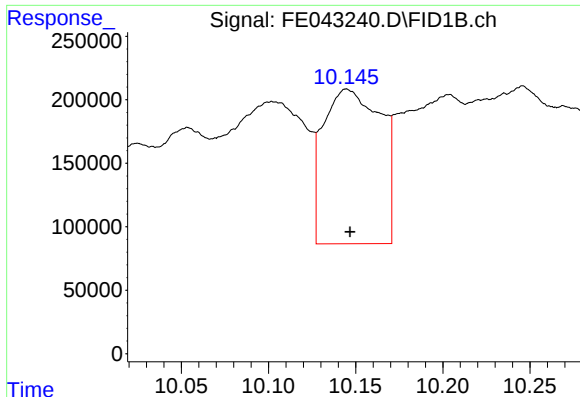
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 160757
Conc: 1.02 ug/ml



#6 n-Tetradecane (C14)

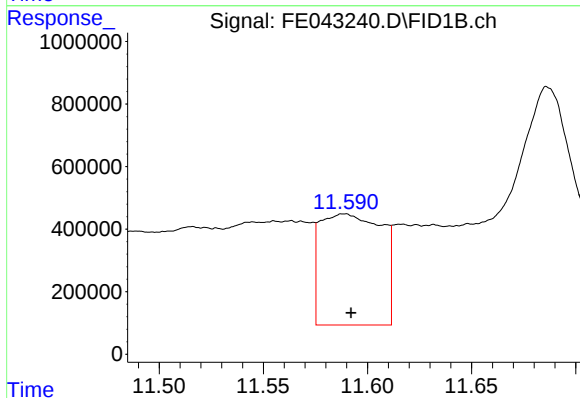
R.T.: 8.531 min
Delta R.T.: -0.007 min
Response: 286786
Conc: 1.81 ug/ml



#7 n-Hexadecane (C16)

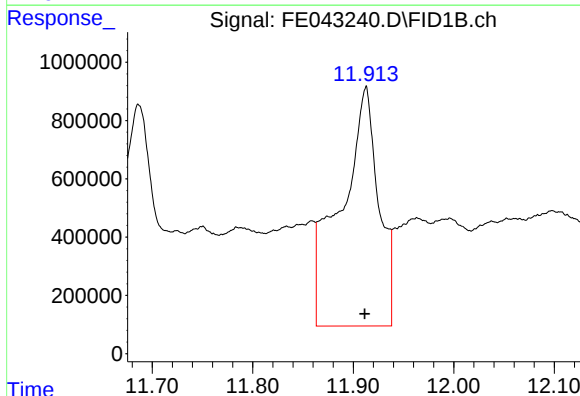
R.T.: 10.145 min
Delta R.T.: -0.002 min
Response: 2791719
Conc: 17.25 ug/ml

Instrument :
FID_E
ClientSampleId :



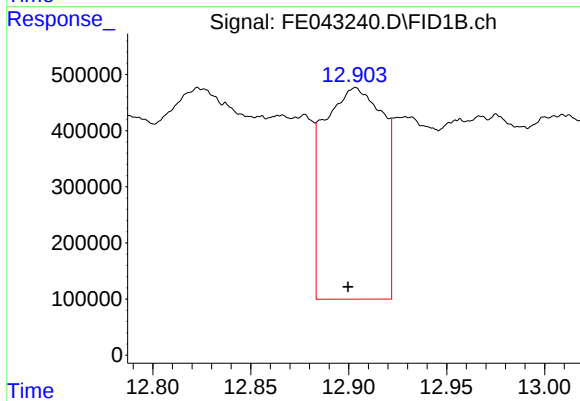
#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: -0.003 min
Response: 7315709
Conc: 44.88 ug/ml



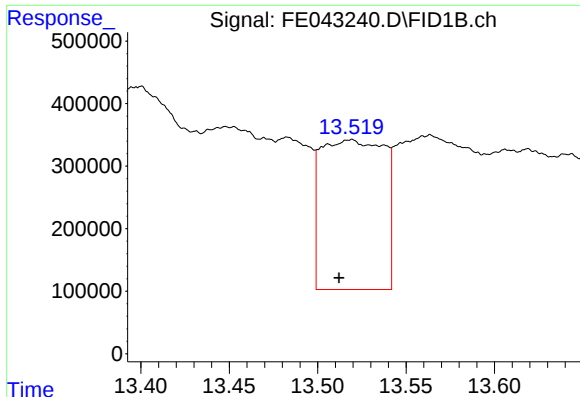
#9 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: 0.001 min
Response: 21516533
Conc: 120.16 ug/ml



#10 n-Eicosane (C20)

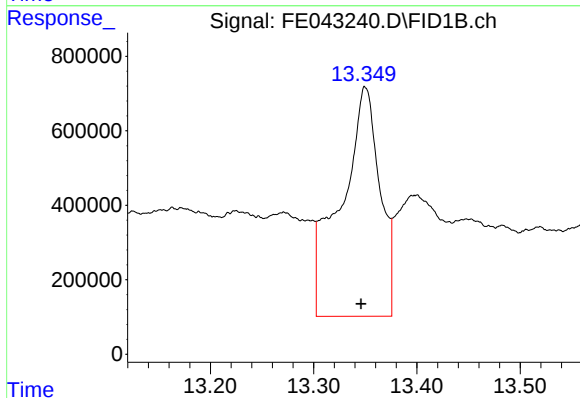
R.T.: 12.903 min
Delta R.T.: 0.004 min
Response: 7982868
Conc: 51.38 ug/ml



#11 n-Heneicosane (C21)

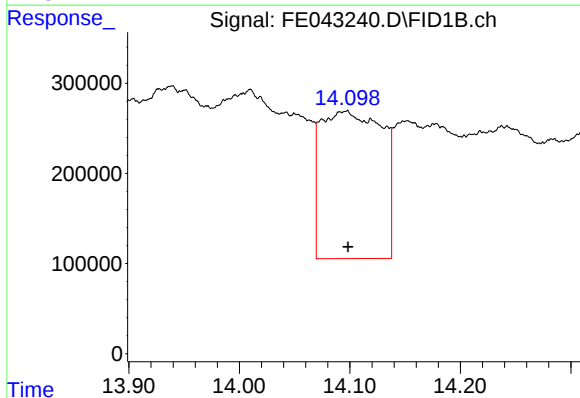
R.T.: 13.519 min
Delta R.T.: 0.007 min
Response: 5941620
Conc: 39.22 ug/ml

Instrument :
FID_E
ClientSampleId :



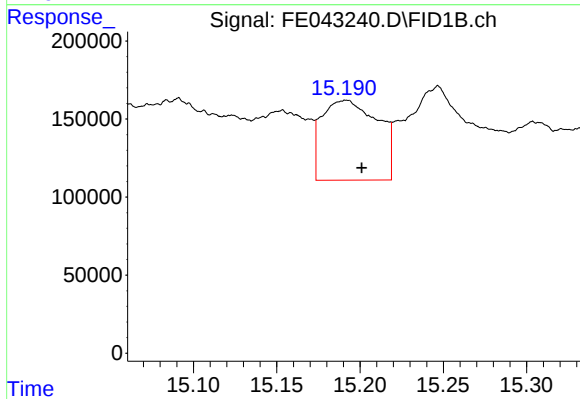
#12 1-chlorooctadecane (SURR)

R.T.: 13.350 min
Delta R.T.: 0.004 min
Response: 16245309
Conc: 123.64 ug/ml



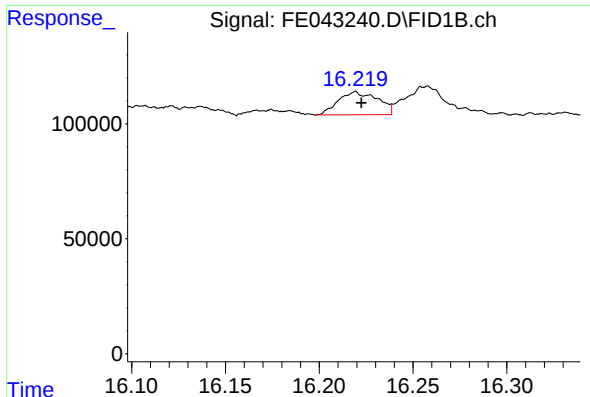
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.001 min
Response: 6313583
Conc: 42.25 ug/ml



#14 n-Tetracosane (C24)

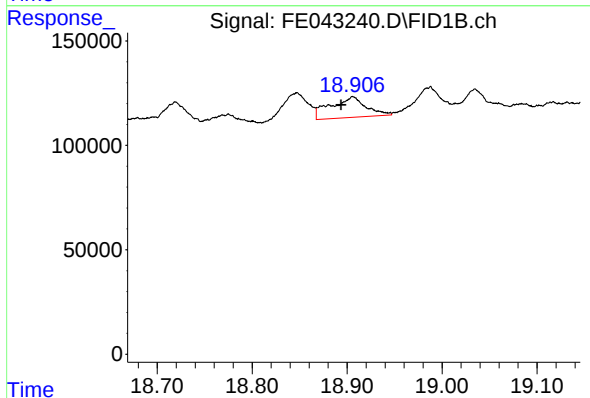
R.T.: 15.192 min
Delta R.T.: -0.009 min
Response: 1197820
Conc: 8.16 ug/ml



#15 n-Hexacosane (C26)

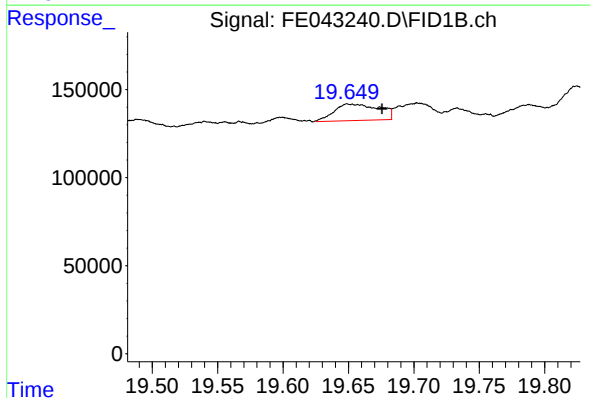
R.T.: 16.219 min
Delta R.T.: -0.003 min
Response: 146002
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :



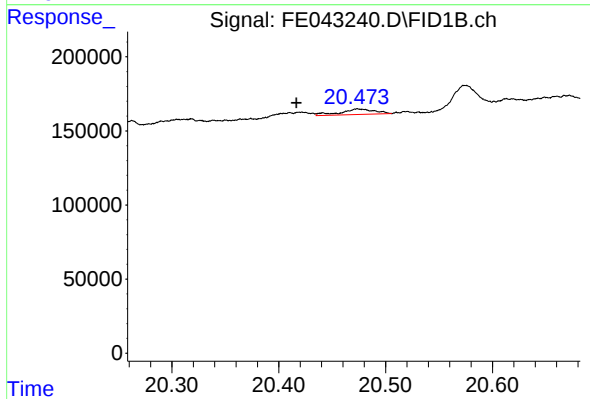
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: 0.013 min
Response: 256237
Conc: 1.73 ug/ml



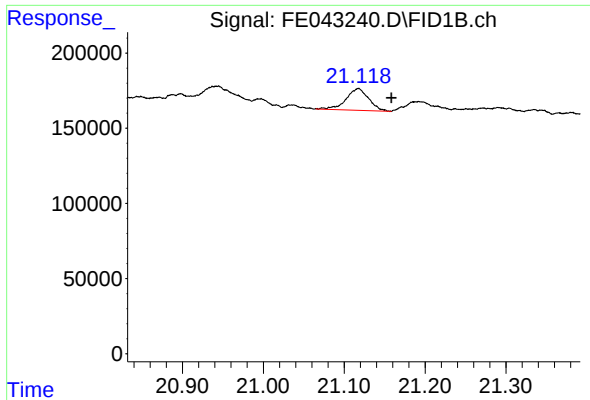
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: -0.026 min
Response: 225206
Conc: 1.56 ug/ml



#20 n-Hexatriacontane (C36)

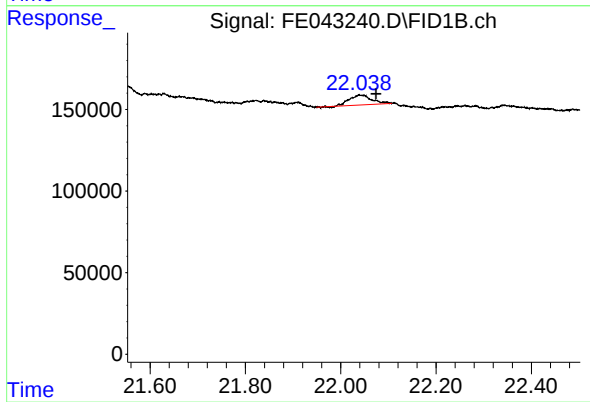
R.T.: 20.473 min
Delta R.T.: 0.057 min
Response: 81590
Conc: 0.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.041 min
Response: 280545
Conc: 1.97 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.035 min
Response: 198800
Conc: 1.35 ug/ml