

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052964.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 18:56
 Operator : YP\AJ
 Sample : Q1634-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 03:27:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.913	13031686	77.300 ug/ml
Spiked Amount 50.000		Recovery =	154.60%
12) S 1-chlorooctadecane (S...	13.357	6315361	52.010 ug/ml
Spiked Amount 50.000		Recovery =	104.02%
Target Compounds			
2) T n-Decane (C10)	4.506	175556	1.118 ug/ml
3) T A~Naphthalene (C11.7)	6.264	2913697	17.181 ug/ml
4) T n-Dodecane (C12)	6.692	4555425	29.258 ug/ml
5) T A~2-methylnaphthalene...	7.333	4800779	29.624 ug/ml
6) T n-Tetradecane (C14)	8.533	11385935	75.249 ug/ml
7) T n-Hexadecane (C16)	10.149	14003421	91.593 ug/ml
8) T n-Octadecane (C18)	11.598	13376537	87.922 ug/ml
10) T n-Eicosane (C20)	12.912	8680477	59.794 ug/ml
11) T n-Heneicosane (C21)	13.524	5665608	39.806 ug/ml
13) T n-Docosane (C22)	14.111	3644798	25.612 ug/ml
14) T n-Tetracosane (C24)	15.216	969170	6.772 ug/ml
15) T n-Hexacosane (C26)	16.242	653822	4.598 ug/ml
16) T n-Octacosane (C28)	17.194	546913	3.846 ug/ml
17) T n-Tricontane (C30)	18.085	738173	4.998 ug/ml
18) T n-Dotriacontane (C32)	18.921	462004	3.182 ug/ml
19) T n-Tetratriacontane (C34)	19.709	337127	2.501 ug/ml
20) T n-Hexatriacontane (C36)	20.452	229928	1.935 ug/ml
22) T n-Tetracontane (C40)	22.128	426467	3.945 ug/ml

(f)=RT Delta > 1/2 Window

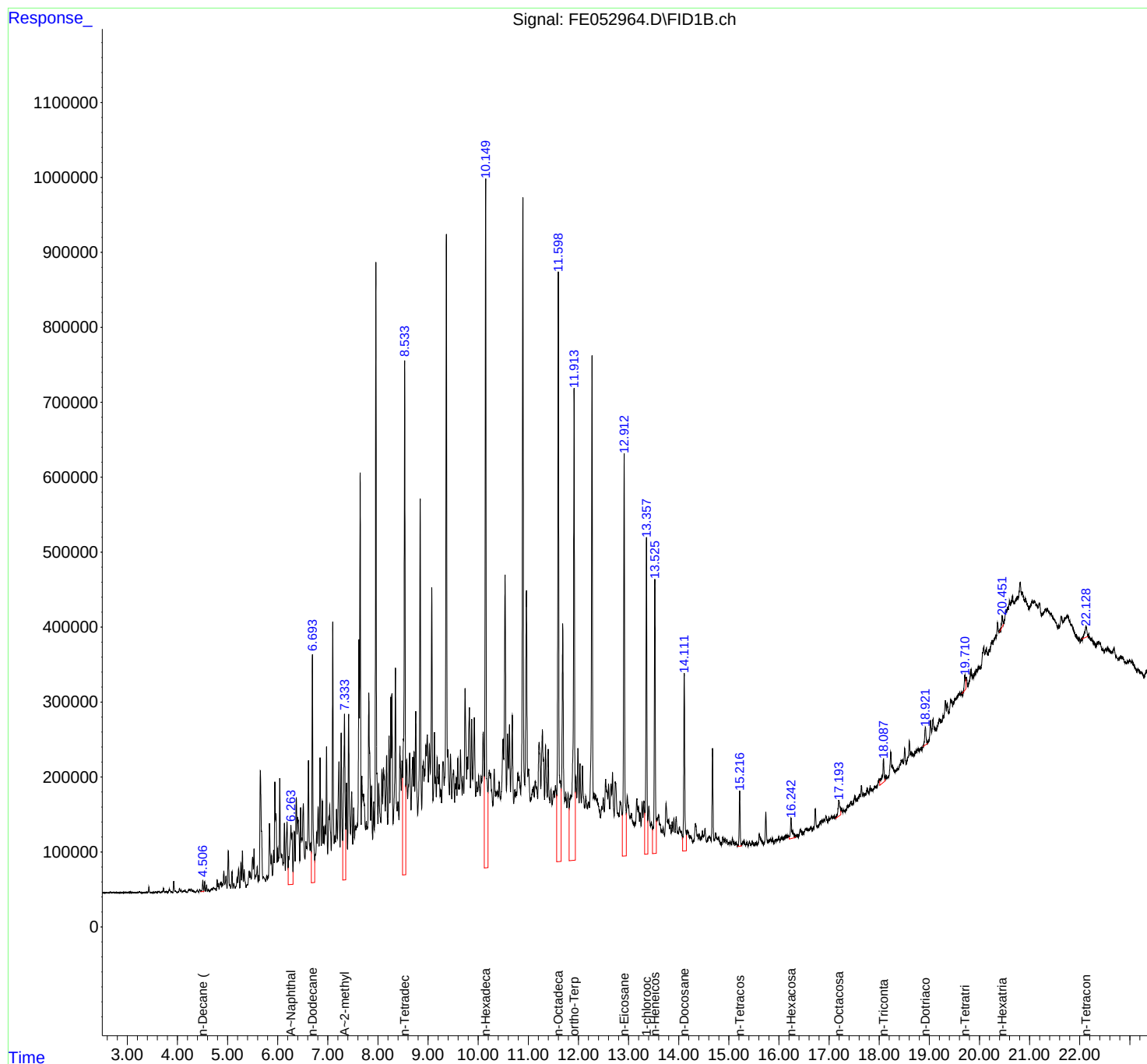
(m)=manual int.

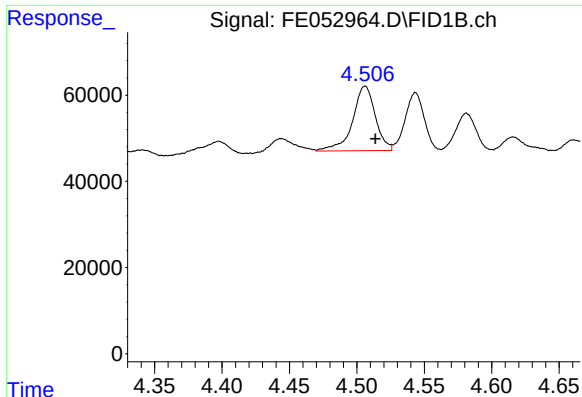
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
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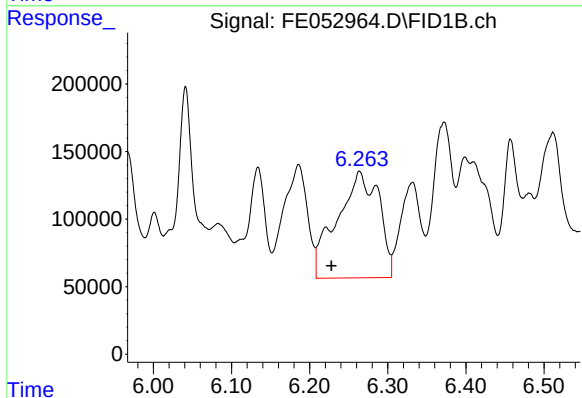




#2 n-Decane (C10)

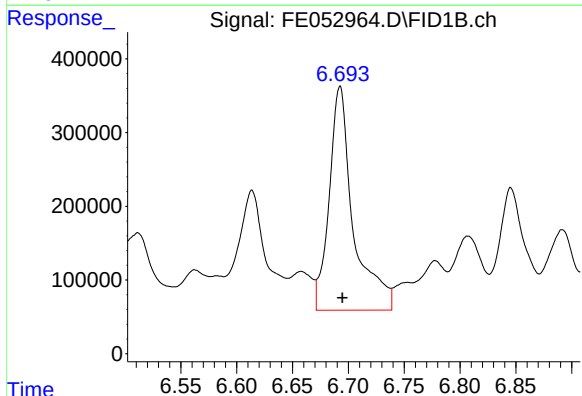
R.T.: 4.506 min
Delta R.T.: -0.008 min
Response: 175556
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :



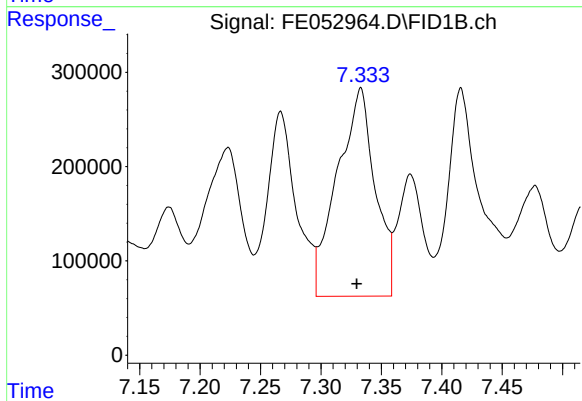
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.036 min
Response: 2913697
Conc: 17.18 ug/ml



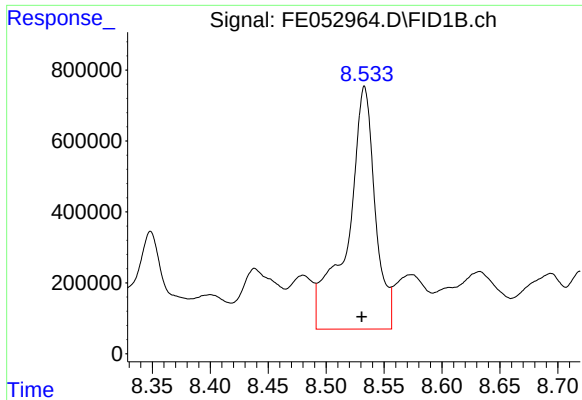
#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 4555425
Conc: 29.26 ug/ml



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

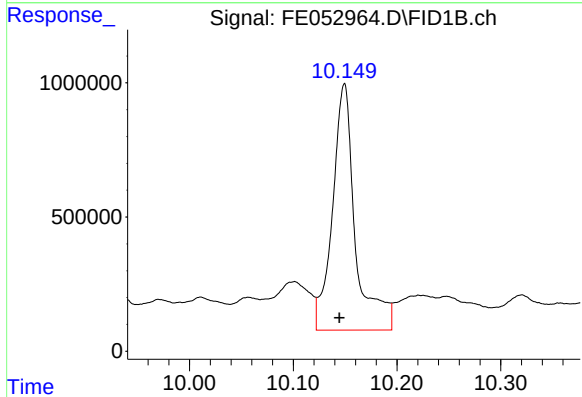
R.T.: 7.333 min
Delta R.T.: 0.003 min
Response: 4800779
Conc: 29.62 ug/ml



#6 n-Tetradecane (C14)

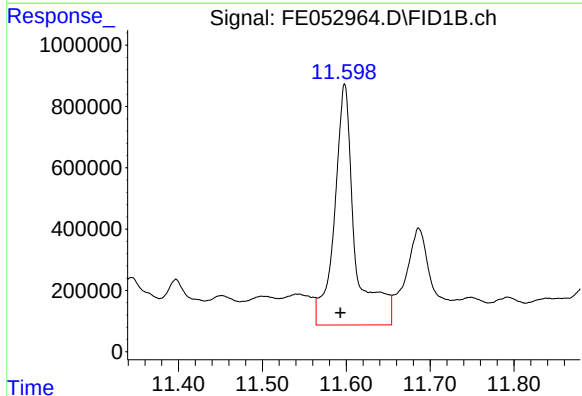
R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 11385935
Conc: 75.25 ug/ml

Instrument :
FID_E
ClientSampleId :



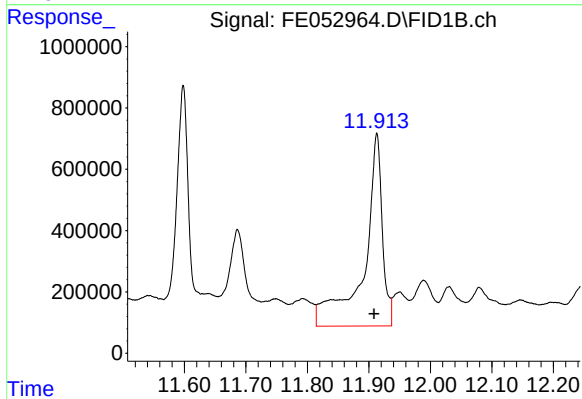
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.004 min
Response: 14003421
Conc: 91.59 ug/ml



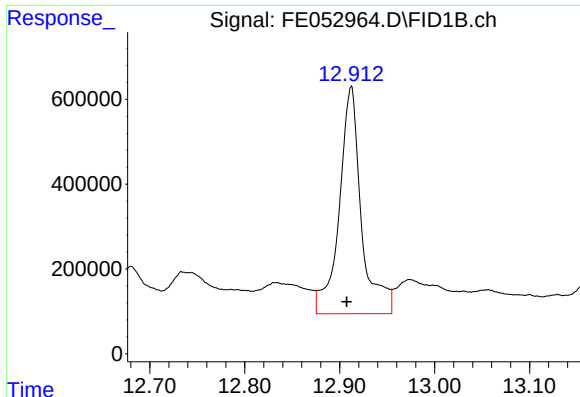
#8 n-Octadecane (C18)

R.T.: 11.598 min
Delta R.T.: 0.005 min
Response: 13376537
Conc: 87.92 ug/ml



#9 ortho-Terphenyl (SURR)

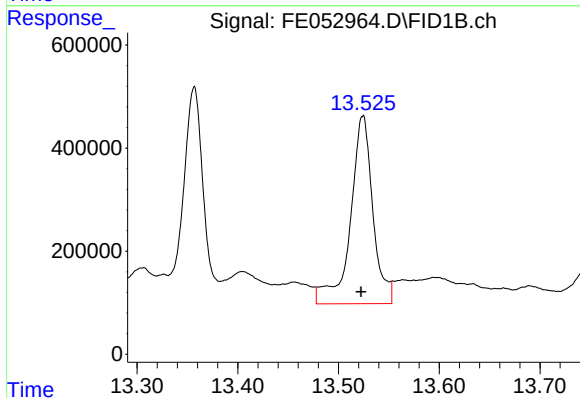
R.T.: 11.913 min
Delta R.T.: 0.004 min
Response: 13031686
Conc: 77.30 ug/ml



#10 n-Eicosane (C20)

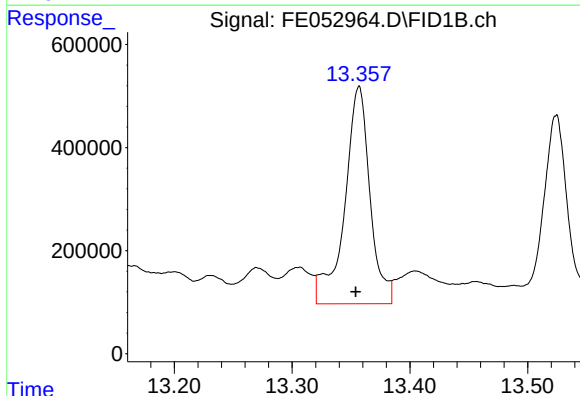
R.T.: 12.912 min
Delta R.T.: 0.004 min
Response: 8680477
Conc: 59.79 ug/ml

Instrument :
FID_E
ClientSampleId :



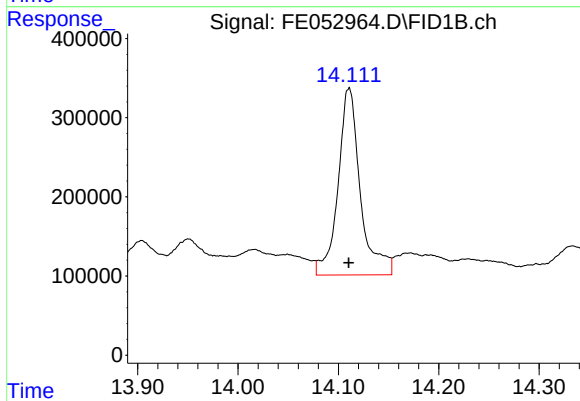
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 5665608
Conc: 39.81 ug/ml



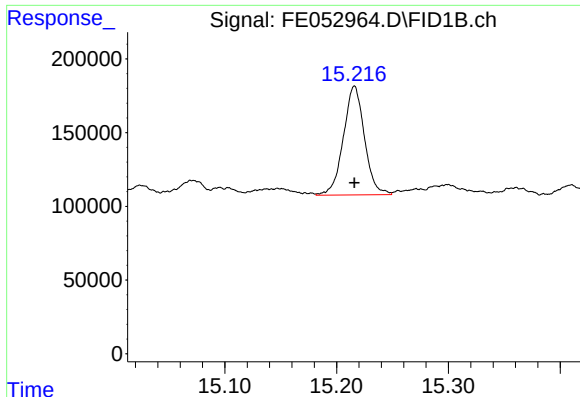
#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 6315361
Conc: 52.01 ug/ml



#13 n-Docosane (C22)

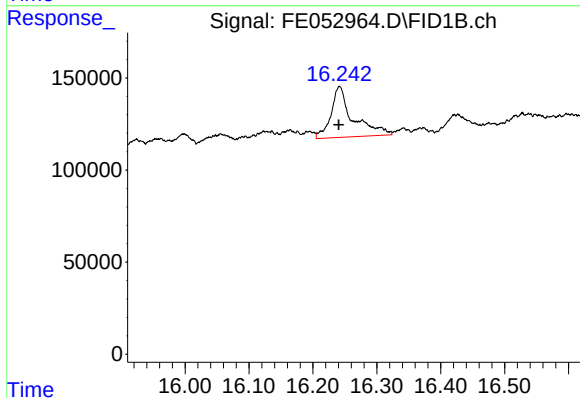
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 3644798
Conc: 25.61 ug/ml



#14 n-Tetracosane (C24)

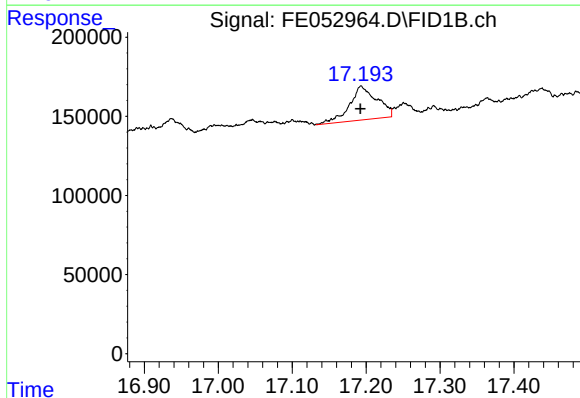
R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 969170
Conc: 6.77 ug/ml

Instrument :
FID_E
ClientSampleId :



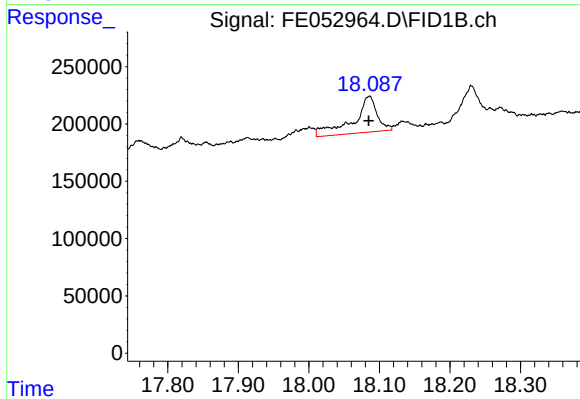
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.001 min
Response: 653822
Conc: 4.60 ug/ml



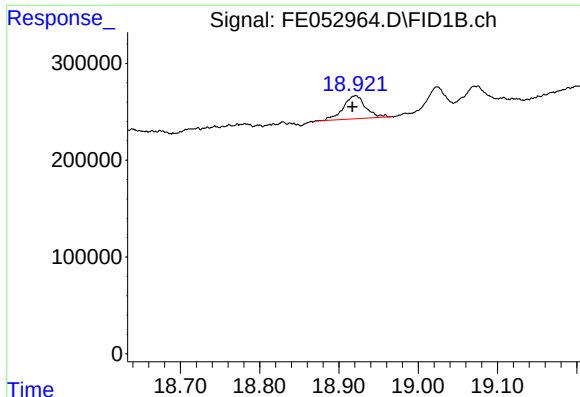
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 546913
Conc: 3.85 ug/ml



#17 n-Tricontane (C30)

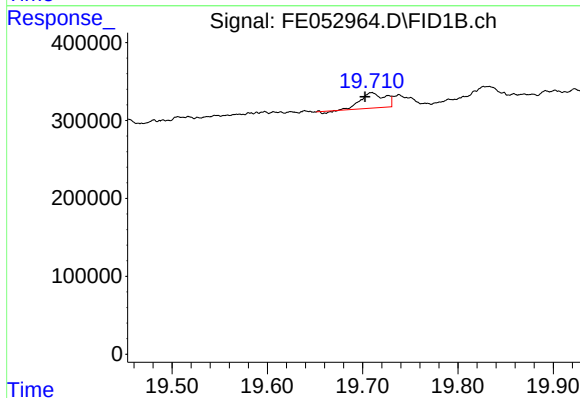
R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 738173
Conc: 5.00 ug/ml



#18 n-Dotriacontane (C32)

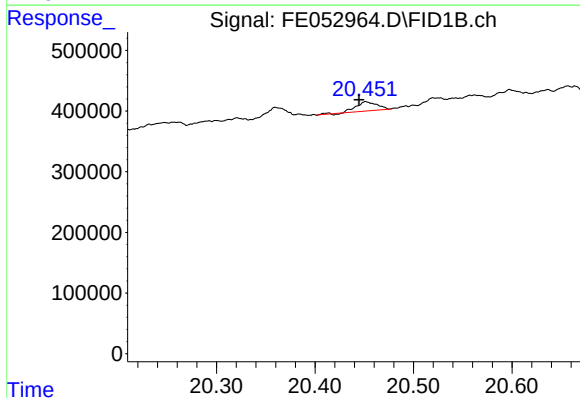
R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 462004
Conc: 3.18 ug/ml

Instrument :
FID_E
ClientSampleId :



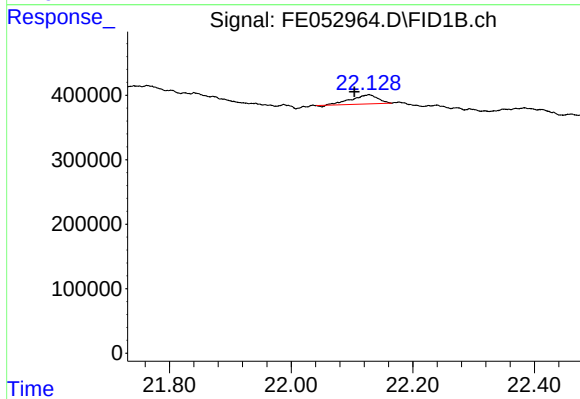
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.007 min
Response: 337127
Conc: 2.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: 0.008 min
Response: 229928
Conc: 1.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.023 min
Response: 426467
Conc: 3.94 ug/ml