

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047745.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 19:35
 Operator : YP/AJ
 Sample : P2403-08
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:30:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 2024
 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)	11.348	91144	0.418 ug/ml
Spiked Amount 50.000		Recovery =	0.84%
12) S 1-chlorooctadecane (S...	12.793	7323553	44.942 ug/ml
Spiked Amount 50.000		Recovery =	89.88%
Target Compounds			
1) T n-Nonane (C9)	3.186	551061	2.862 ug/ml
2) T n-Decane (C10)	4.239	692185	3.496 ug/ml
4) T n-Dodecane (C12)	6.238	902012	4.542 ug/ml
6) T n-Tetradecane (C14)	8.022	828170	4.240 ug/ml
7) T n-Hexadecane (C16)	9.613	824542	4.109 ug/ml
8) T n-Octadecane (C18)	11.047	913356	4.497 ug/ml
10) T n-Eicosane (C20)	12.350	965841	4.947 ug/ml
11) T n-Heneicosane (C21)	12.958	898391	4.671 ug/ml
13) T n-Docosane (C22)	13.541	1075673	5.653 ug/ml
14) T n-Tetracosane (C24)	14.639	1323078	7.037 ug/ml
15) T n-Hexacosane (C26)	15.655	1463348	8.078 ug/ml
16) T n-Octacosane (C28)	16.600	1582902	9.082 ug/ml
17) T n-Tricontane (C30)	17.483	1627141	9.324 ug/ml
18) T n-Dotriacontane (C32)	18.311	1506140	8.846 ug/ml
19) T n-Tetratriacontane (C34)	19.091	1070998	6.641 ug/ml
20) T n-Hexatriacontane (C36)	19.825	870228	5.693 ug/ml
21) T n-Octatriacontane (C38)	20.527	743970	5.060 ug/ml
22) T n-Tetracontane (C40)	21.334	682661	4.813 ug/ml

(f)=RT Delta > 1/2 Window

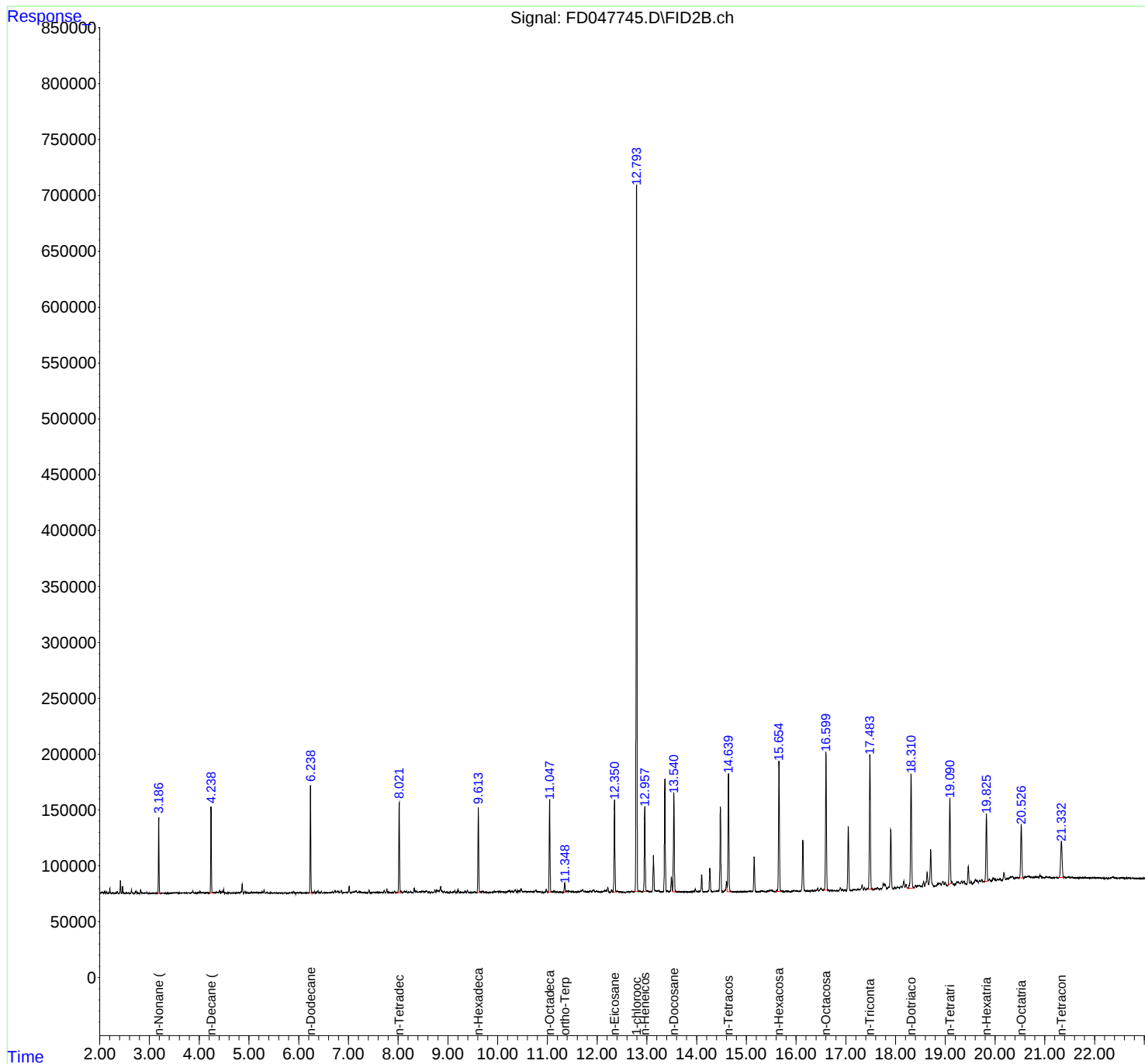
(m)=manual int.

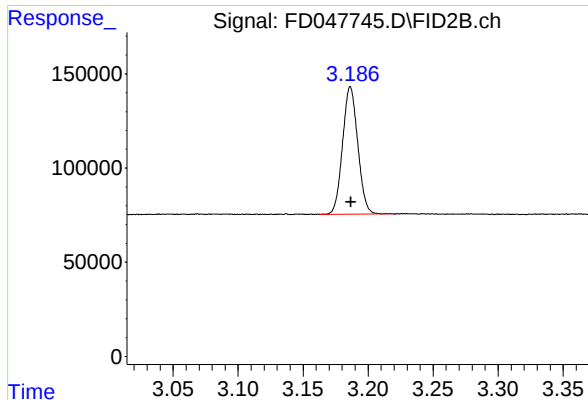
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
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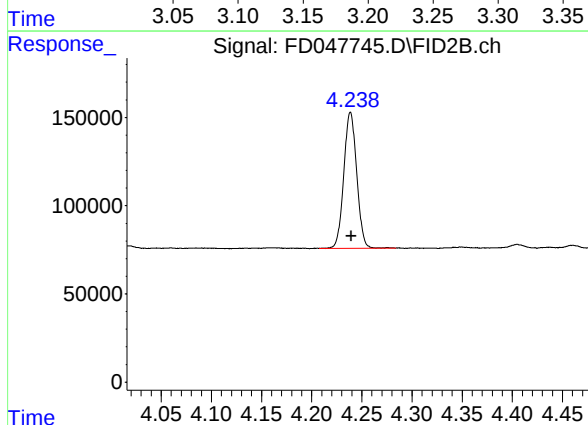




#1 n-Nonane (C9)

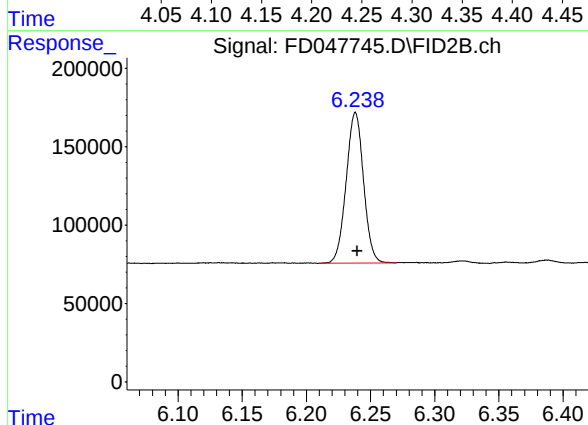
R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 551061
Conc: 2.86 ug/ml

Instrument :
FID_D
ClientSampleId :



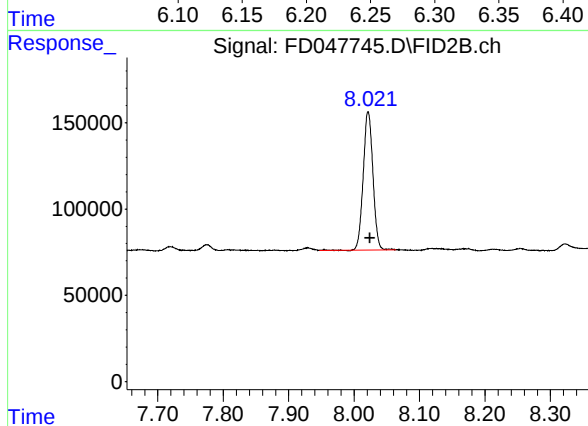
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 692185
Conc: 3.50 ug/ml



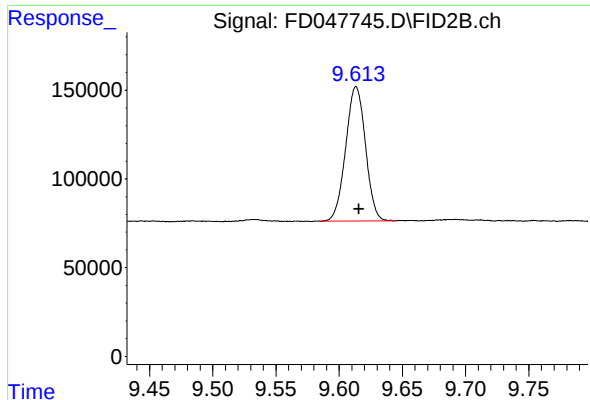
#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 902012
Conc: 4.54 ug/ml



#6 n-Tetradecane (C14)

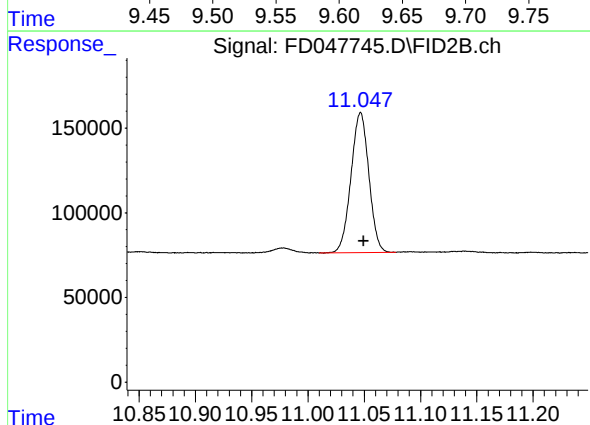
R.T.: 8.022 min
Delta R.T.: -0.003 min
Response: 828170
Conc: 4.24 ug/ml



#7 n-Hexadecane (C16)

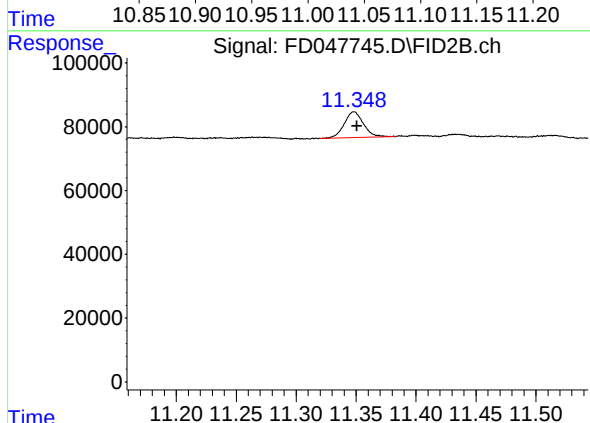
R.T.: 9.613 min
Delta R.T.: -0.002 min
Response: 824542
Conc: 4.11 ug/ml

Instrument :
FID_D
ClientSampleId :



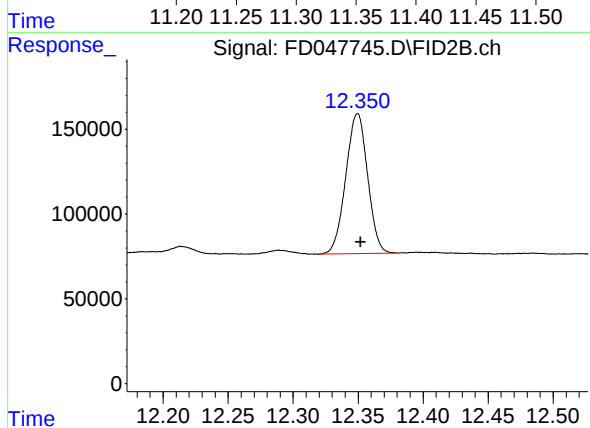
#8 n-Octadecane (C18)

R.T.: 11.047 min
Delta R.T.: -0.003 min
Response: 913356
Conc: 4.50 ug/ml



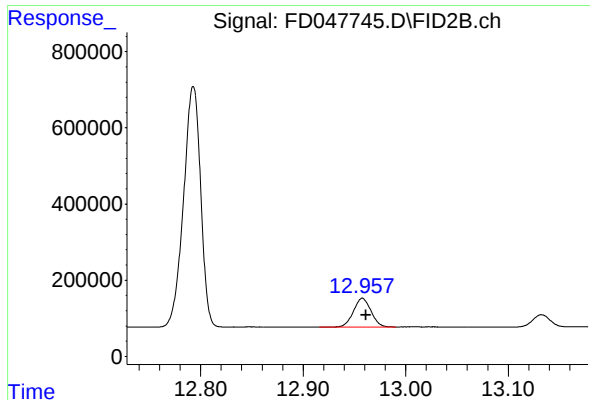
#9 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: -0.002 min
Response: 91144
Conc: 0.42 ug/ml



#10 n-Eicosane (C20)

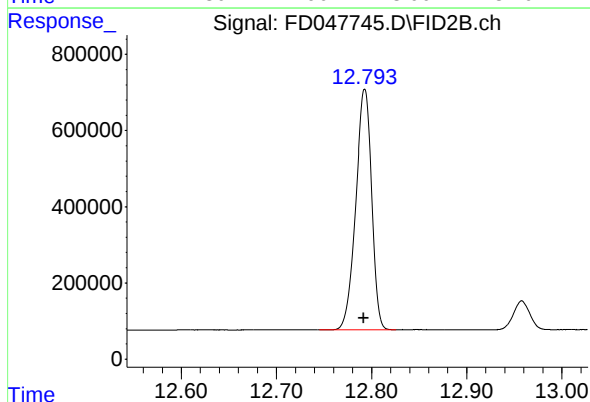
R.T.: 12.350 min
Delta R.T.: -0.002 min
Response: 965841
Conc: 4.95 ug/ml



#11 n-Heneicosane (C21)

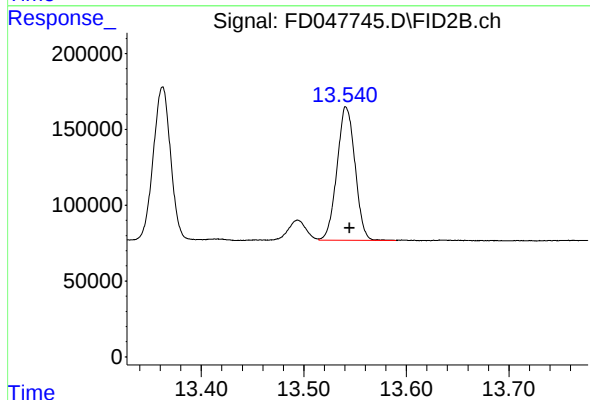
R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 898391
Conc: 4.67 ug/ml

Instrument :
FID_D
ClientSampleId :



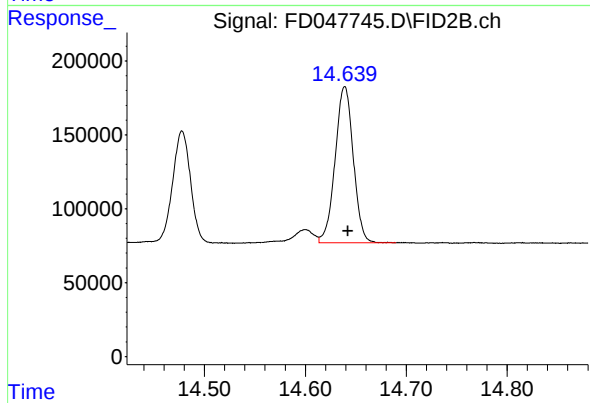
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: 0.001 min
Response: 7323553
Conc: 44.94 ug/ml



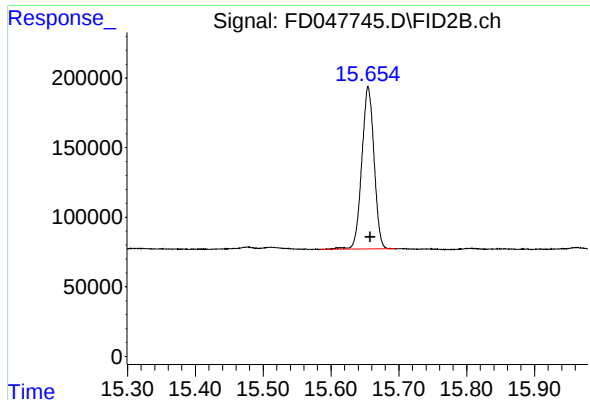
#13 n-Docosane (C22)

R.T.: 13.541 min
Delta R.T.: -0.004 min
Response: 1075673
Conc: 5.65 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: -0.003 min
Response: 1323078
Conc: 7.04 ug/ml



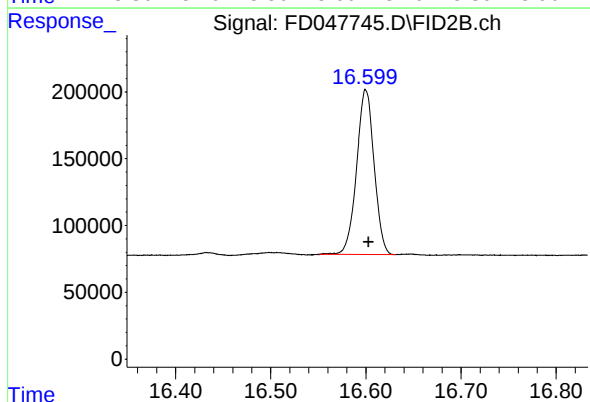
#15 n-Hexacosane (C26)

R.T.: 15.655 min
Delta R.T.: -0.003 min
Response: 1463348
Conc: 8.08 ug/ml

Instrument :

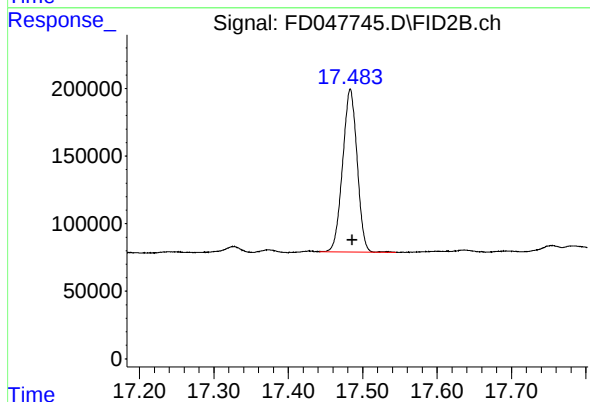
FID_D

ClientSampleId :



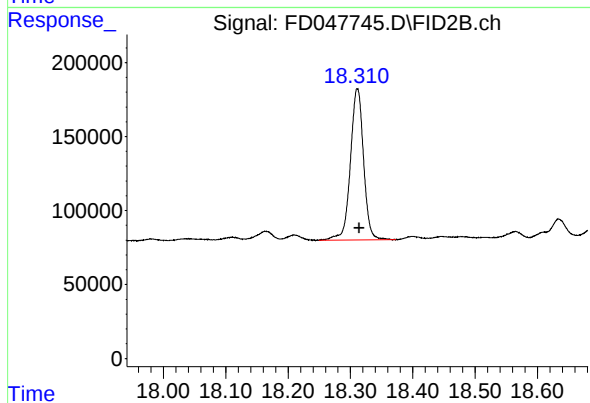
#16 n-Octacosane (C28)

R.T.: 16.600 min
Delta R.T.: -0.003 min
Response: 1582902
Conc: 9.08 ug/ml



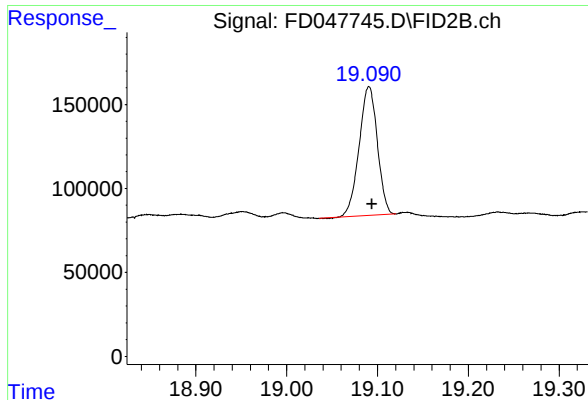
#17 n-Tricontane (C30)

R.T.: 17.483 min
Delta R.T.: -0.003 min
Response: 1627141
Conc: 9.32 ug/ml



#18 n-Dotriacontane (C32)

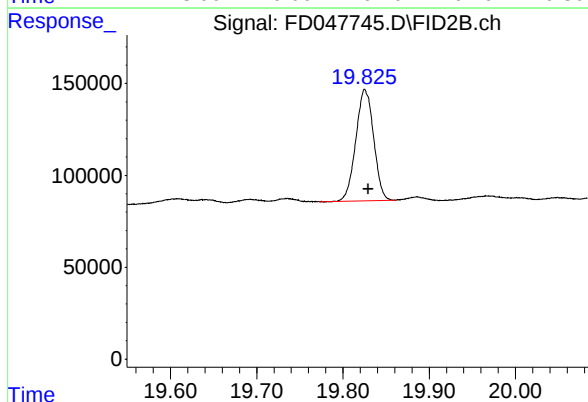
R.T.: 18.311 min
Delta R.T.: -0.003 min
Response: 1506140
Conc: 8.85 ug/ml



#19 n-Tetratriacontane (C34)

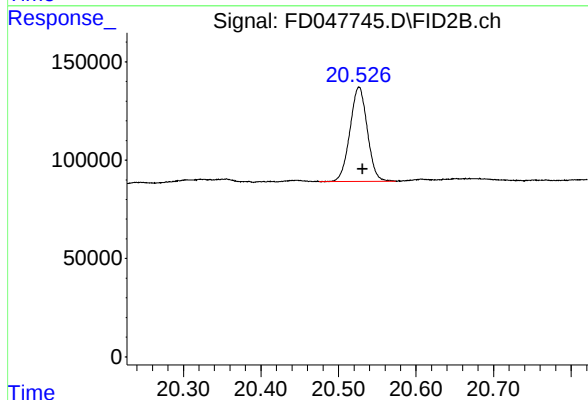
R.T.: 19.091 min
Delta R.T.: -0.003 min
Response: 1070998
Conc: 6.64 ug/ml

Instrument :
FID_D
ClientSampleId :



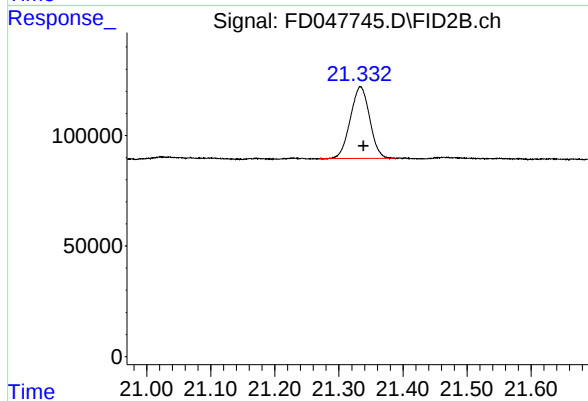
#20 n-Hexatriacontane (C36)

R.T.: 19.825 min
Delta R.T.: -0.004 min
Response: 870228
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.527 min
Delta R.T.: -0.004 min
Response: 743970
Conc: 5.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.334 min
Delta R.T.: -0.005 min
Response: 682661
Conc: 4.81 ug/ml