

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046317.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 20:19
 Operator : YP\AJ
 Sample : P1181-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 19 22:11:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.828	8657446	47.640 ug/ml
Spiked Amount 50.000		Recovery =	95.28%
12) S 1-chlorooctadecane (S...	13.265	15588090	116.668 ug/ml
Spiked Amount 50.000		Recovery =	233.34%
Target Compounds			
4) T n-Dodecane (C12)	6.631	44812	0.287 ug/ml
5) T A~2-methylnaphthalene...	7.258	66112	0.415 ug/ml
6) T n-Tetradecane (C14)	8.456	164686	1.057 ug/ml
7) T n-Hexadecane (C16)	10.065	221042	1.396 ug/ml
8) T n-Octadecane (C18)	11.511	189058	1.201 ug/ml
10) T n-Eicosane (C20)	12.820	180306	1.192 ug/ml
11) T n-Heneicosane (C21)	13.434	136719	0.930 ug/ml
13) T n-Docosane (C22)	14.022	78340	0.536 ug/ml
14) T n-Tetracosane (C24)	15.128	117351	0.809 ug/ml
15) T n-Hexacosane (C26)	16.149	68583	0.478 ug/ml
16) T n-Octacosane (C28)	17.102	84570	0.590 ug/ml
17) T n-Tricontane (C30)	17.991	140844	0.948 ug/ml
18) T n-Dotriacontane (C32)	18.827	119645	0.800 ug/ml
19) T n-Tetratriacontane (C34)	19.616	99912	0.697 ug/ml
20) T n-Hexatriacontane (C36)	20.354	72119	0.495 ug/ml
21) T n-Octatriacontane (C38)	21.090	118558	0.804 ug/ml
22) T n-Tetracontane (C40)	21.979	152304	0.973 ug/ml

(f)=RT Delta > 1/2 Window

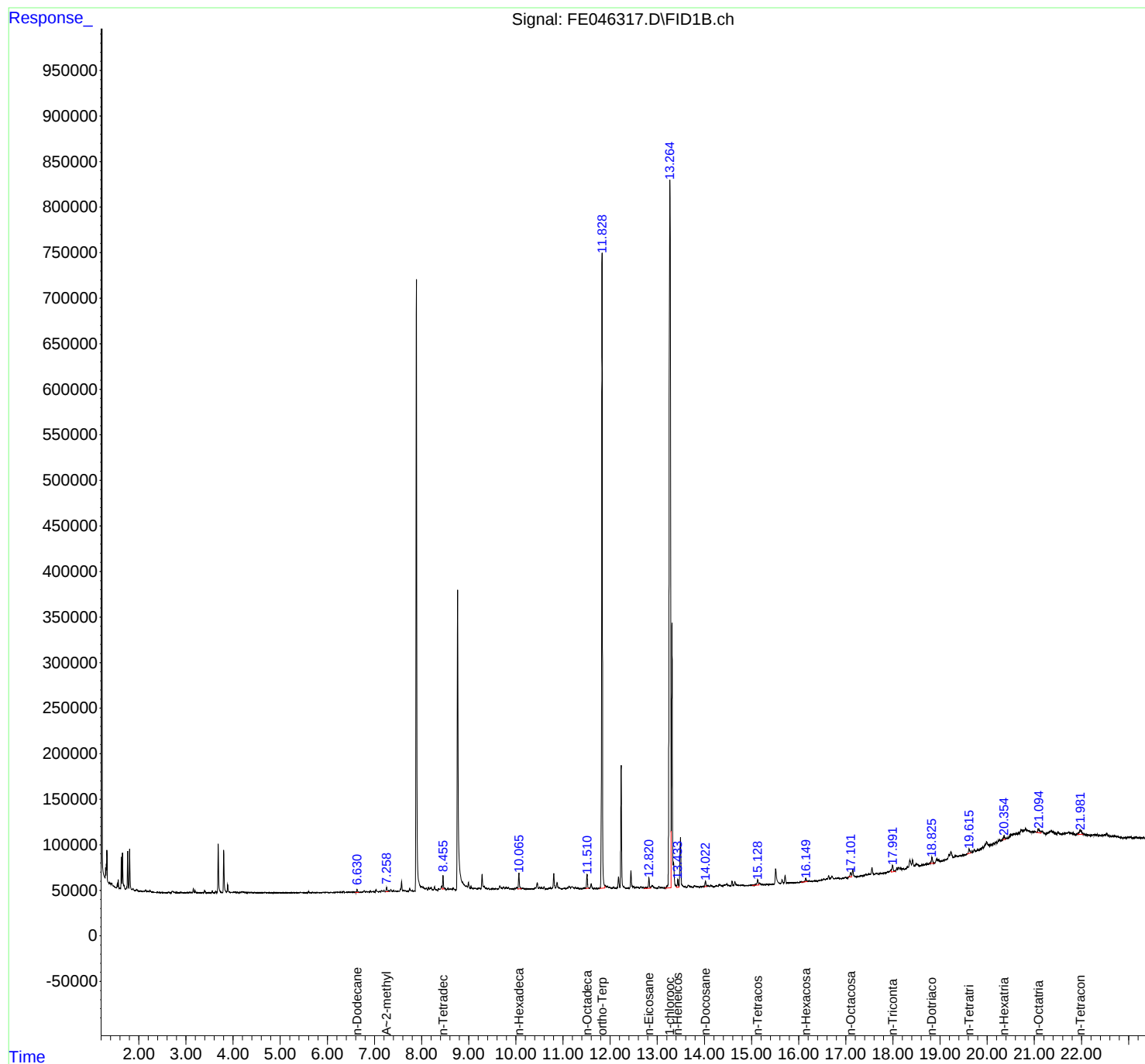
(m)=manual int.

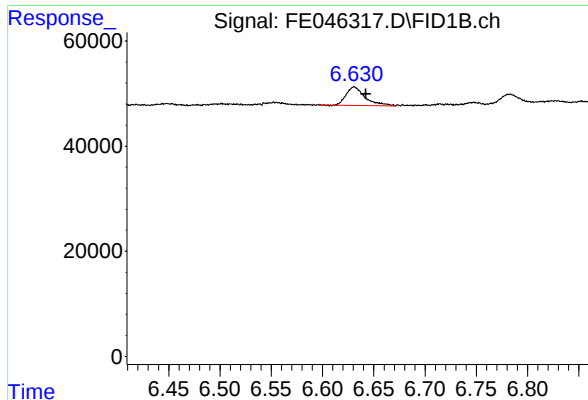
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
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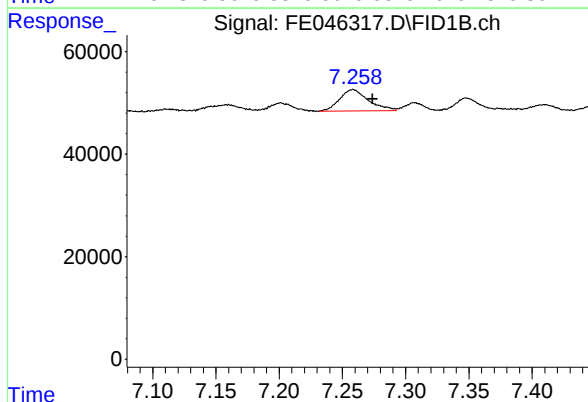




#4 n-Dodecane (C12)

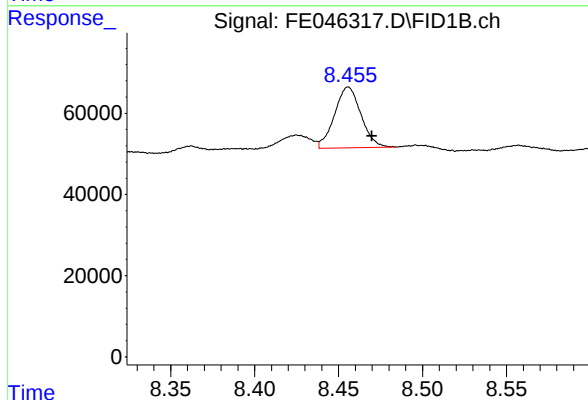
R.T.: 6.631 min
Delta R.T.: -0.012 min
Response: 44812
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :



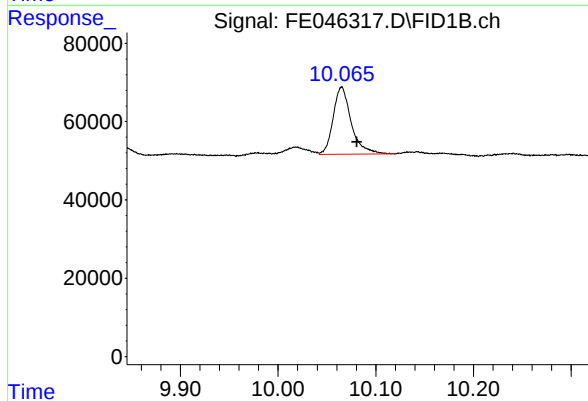
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: -0.015 min
Response: 66112
Conc: 0.42 ug/ml



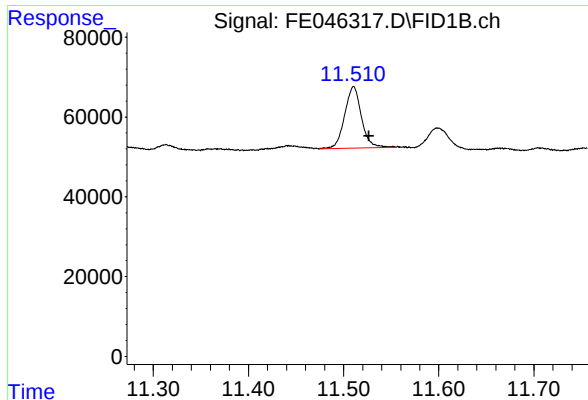
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.014 min
Response: 164686
Conc: 1.06 ug/ml



#7 n-Hexadecane (C16)

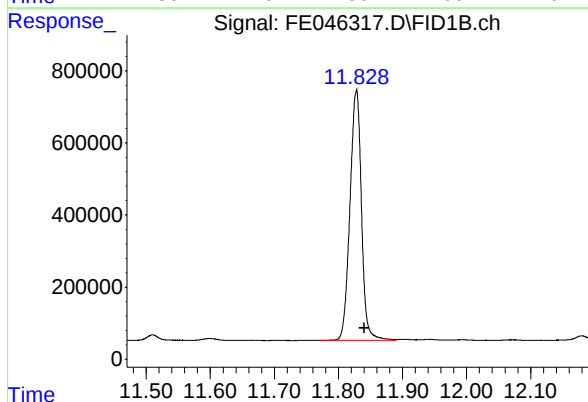
R.T.: 10.065 min
Delta R.T.: -0.015 min
Response: 221042
Conc: 1.40 ug/ml



#8 n-Octadecane (C18)

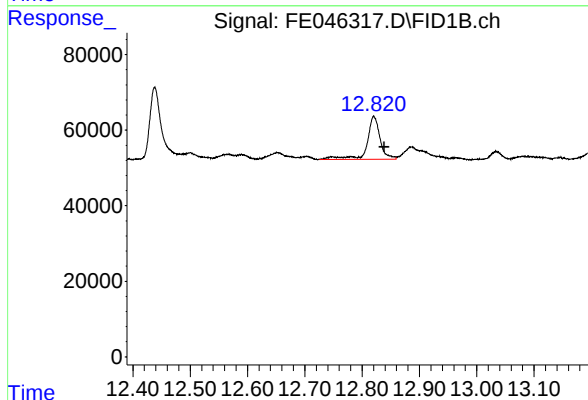
R.T.: 11.511 min
Delta R.T.: -0.016 min
Response: 189058
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :



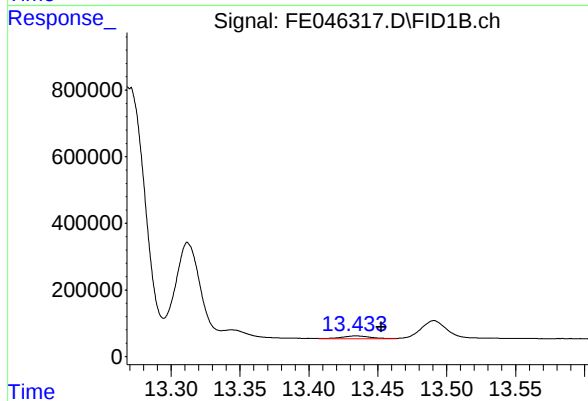
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 8657446
Conc: 47.64 ug/ml



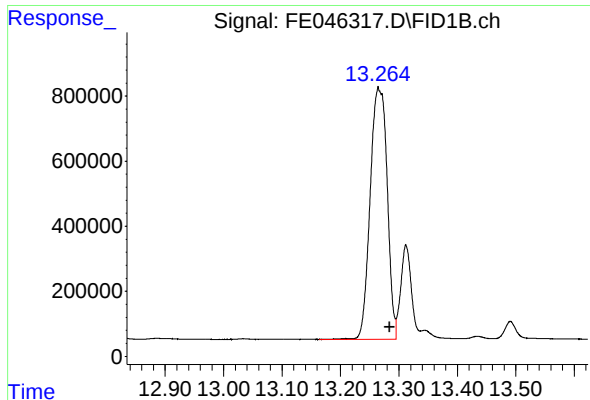
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: -0.018 min
Response: 180306
Conc: 1.19 ug/ml



#11 n-Heneicosane (C21)

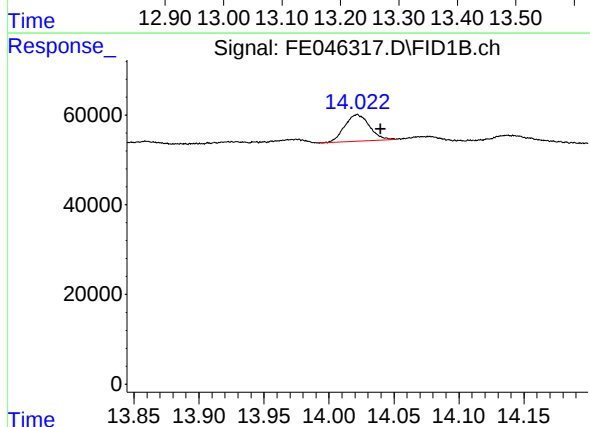
R.T.: 13.434 min
Delta R.T.: -0.018 min
Response: 136719
Conc: 0.93 ug/ml



#12 1-chlorooctadecane (SURR)

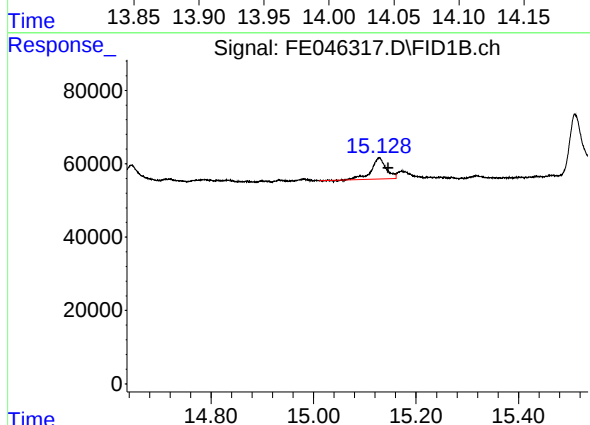
R.T.: 13.265 min
Delta R.T.: -0.019 min
Response: 15588090
Conc: 116.67 ug/ml

Instrument :
FID_E
ClientSampleId :



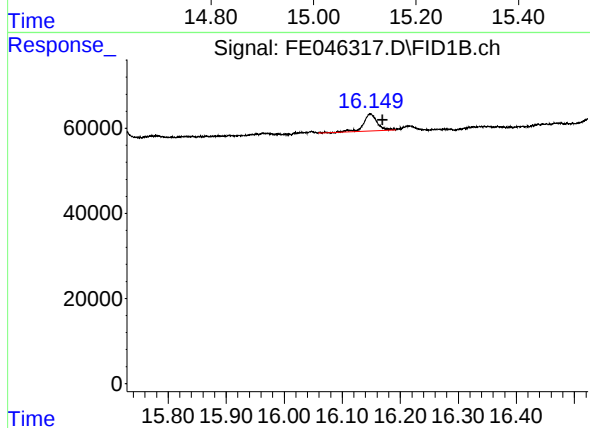
#13 n-Docosane (C22)

R.T.: 14.022 min
Delta R.T.: -0.018 min
Response: 78340
Conc: 0.54 ug/ml



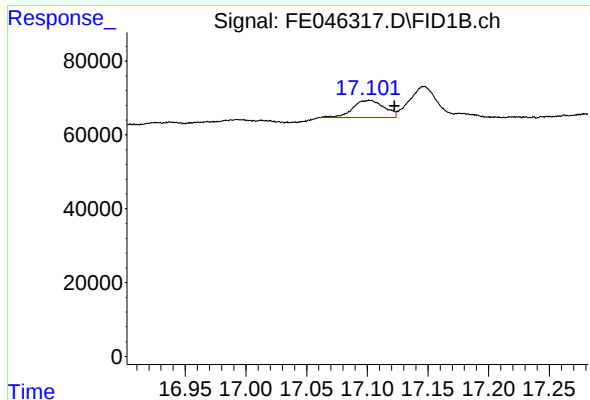
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.017 min
Response: 117351
Conc: 0.81 ug/ml



#15 n-Hexacosane (C26)

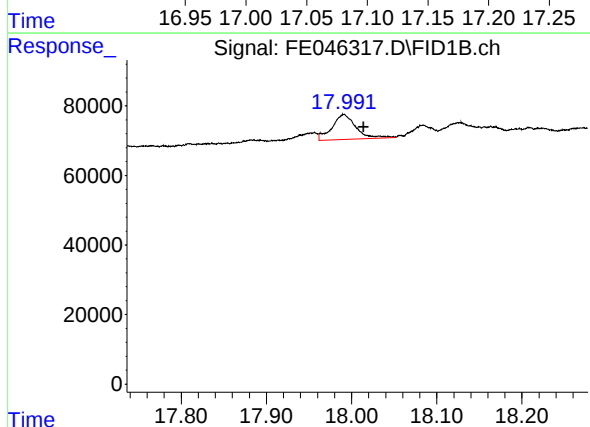
R.T.: 16.149 min
Delta R.T.: -0.021 min
Response: 68583
Conc: 0.48 ug/ml



#16 n-Octacosane (C28)

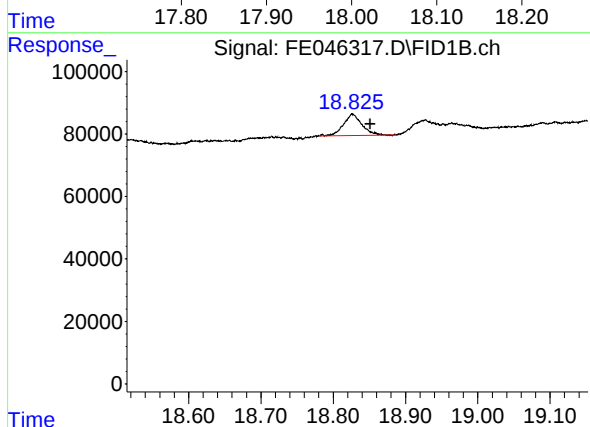
R.T.: 17.102 min
Delta R.T.: -0.020 min
Response: 84570
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



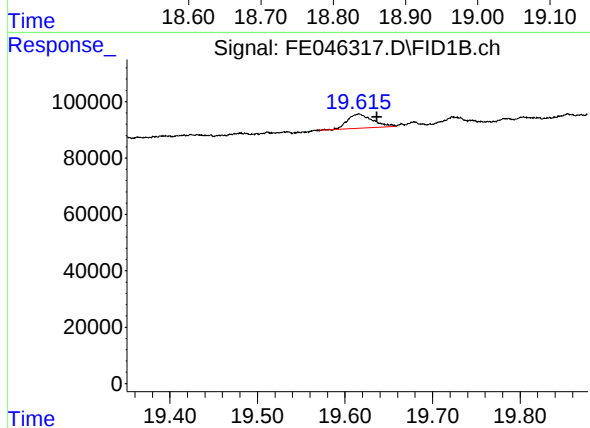
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.023 min
Response: 140844
Conc: 0.95 ug/ml



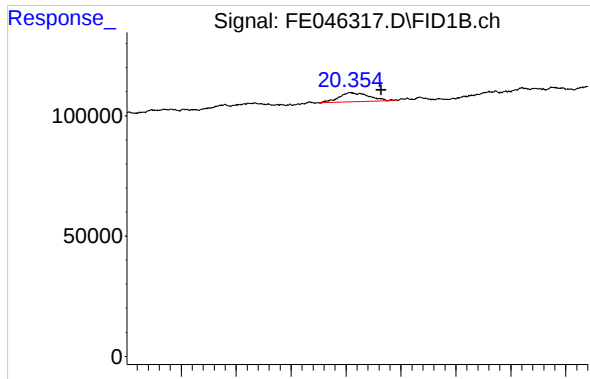
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.025 min
Response: 119645
Conc: 0.80 ug/ml



#19 n-Tetratriacontane (C34)

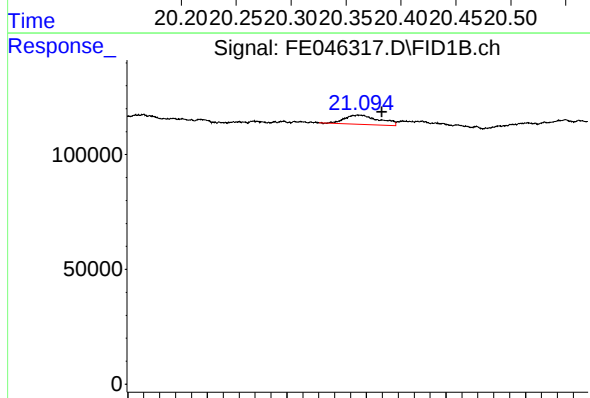
R.T.: 19.616 min
Delta R.T.: -0.021 min
Response: 99912
Conc: 0.70 ug/ml



#20 n-Hexatriacontane (C36)

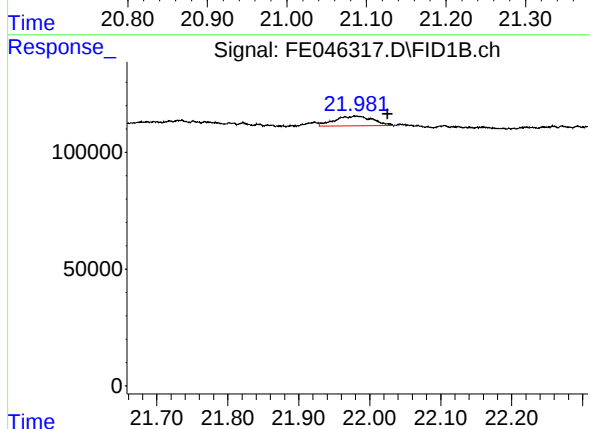
R.T.: 20.354 min
Delta R.T.: -0.028 min
Response: 72119
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: -0.030 min
Response: 118558
Conc: 0.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.046 min
Response: 152304
Conc: 0.97 ug/ml