

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040272.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 22:53
 Operator : AJ\MA
 Sample : M5241-01DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 00:50:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.715	5693734	36.548 ug/ml
Spiked Amount 50.000		Recovery =	73.10%
12) S 1-chlorooctadecane (S...	12.150	5687859	47.164 ug/ml
Spiked Amount 50.000		Recovery =	94.33%
Target Compounds			
1) T n-Nonane (C9)	2.639	22499	0.171 ug/ml
2) T n-Decane (C10)	3.630	129368	0.977 ug/ml
3) T A~Naphthalene (C11.7)	5.180	616207	4.176 ug/ml
4) T n-Dodecane (C12)	5.624	211654	1.594 ug/ml
5) T A~2-methylnaphthalene...	6.205	1089760	7.344 ug/ml
6) T n-Tetradecane (C14)	7.362	3314054	23.971 ug/ml
7) T n-Hexadecane (C16)	8.974	2418700	17.640 ug/ml
8) T n-Octadecane (C18)	10.429	2170523	15.370 ug/ml
10) T n-Eicosane (C20)	11.713	3909030	27.960 ug/ml
11) T n-Heneicosane (C21)	12.322	3770587	26.650 ug/ml
13) T n-Docosane (C22)	12.897	1932227	13.768 ug/ml
14) T n-Tetracosane (C24)	13.997	1250095	8.903 ug/ml
15) T n-Hexacosane (C26)	15.012	645722	4.696 ug/ml
16) T n-Octacosane (C28)	15.960	423299	3.112 ug/ml
18) T n-Dotriacontane (C32)	17.664	64308	0.497 ug/ml
19) T n-Tetratriacontane (C34)	18.475	26159	0.216 ug/ml
20) T n-Hexatriacontane (C36)	19.185	260302	2.443 ug/ml

(f)=RT Delta > 1/2 Window

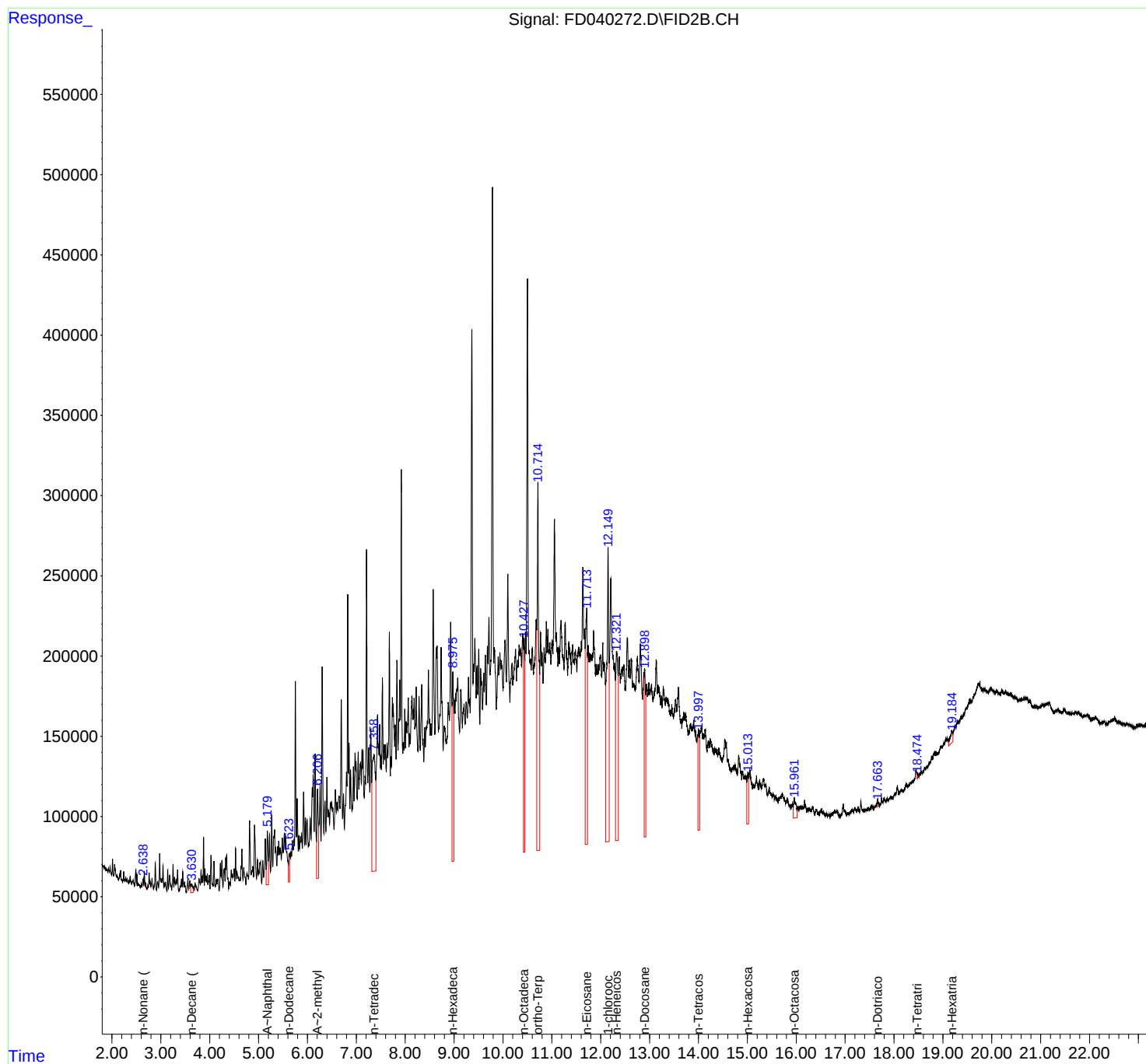
(m)=manual int.

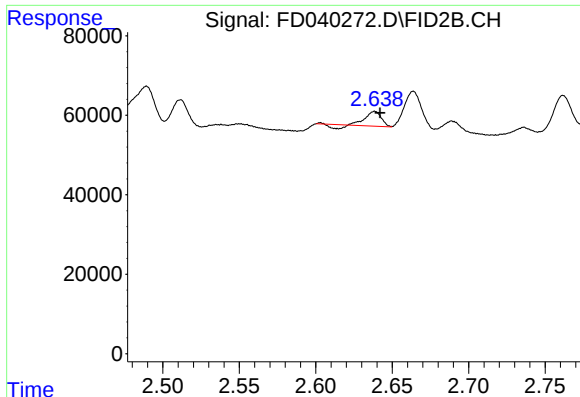
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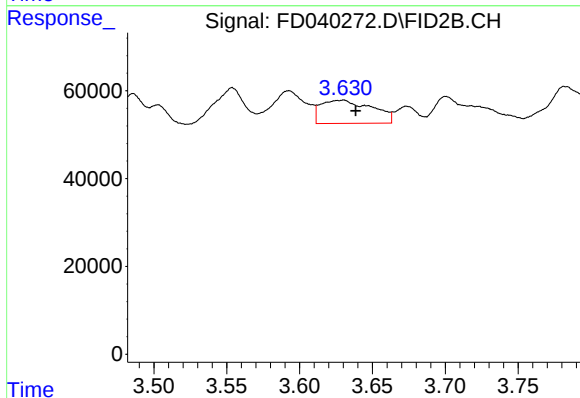




#1 n-Nonane (C9)

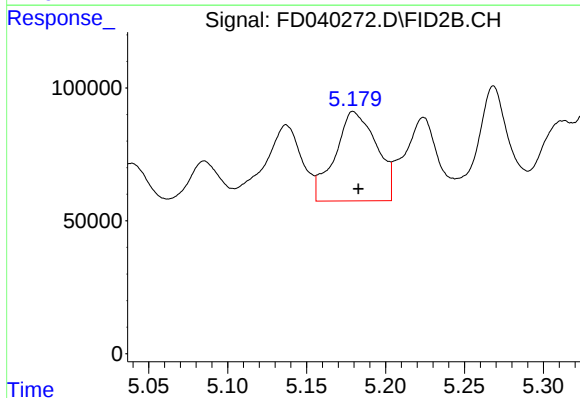
R.T.: 2.639 min
Delta R.T.: -0.003 min
Response: 22499
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



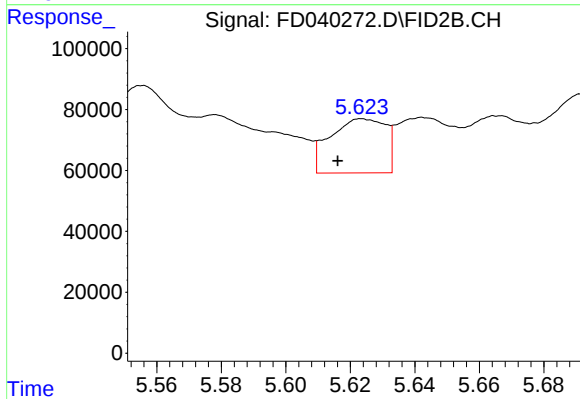
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: -0.009 min
Response: 129368
Conc: 0.98 ug/ml



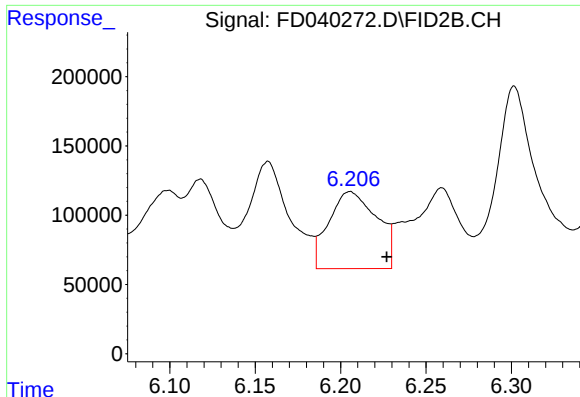
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 616207
Conc: 4.18 ug/ml



#4 n-Dodecane (C12)

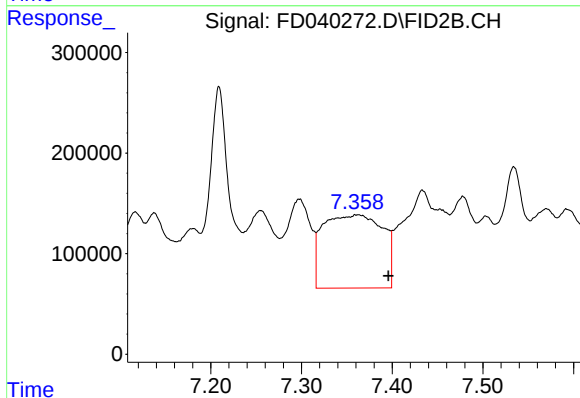
R.T.: 5.624 min
Delta R.T.: 0.008 min
Response: 211654
Conc: 1.59 ug/ml



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

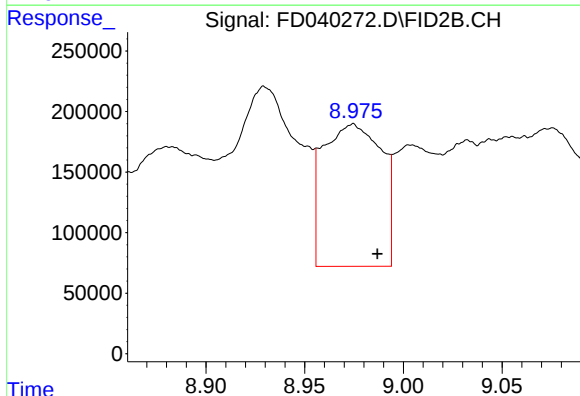
R.T.: 6.205 min
Delta R.T.: -0.022 min
Response: 1089760
Conc: 7.34 ug/ml

Instrument :
FID_D
ClientSampleId :



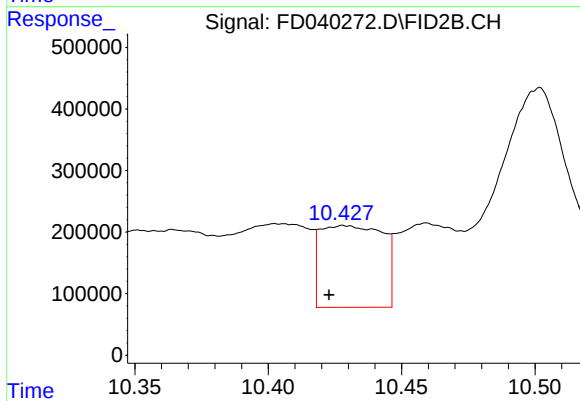
#6 n-Tetradecane (C14)

R.T.: 7.362 min
Delta R.T.: -0.034 min
Response: 3314054
Conc: 23.97 ug/ml



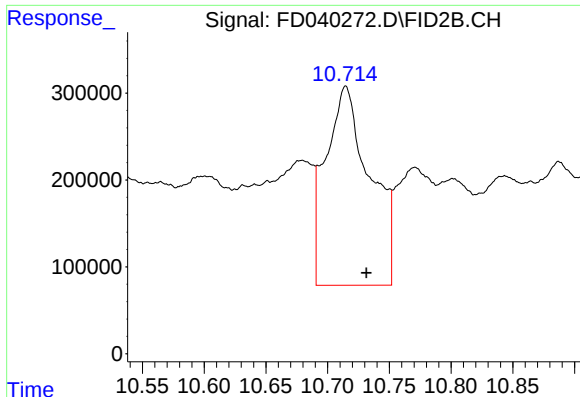
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.013 min
Response: 2418700
Conc: 17.64 ug/ml



#8 n-Octadecane (C18)

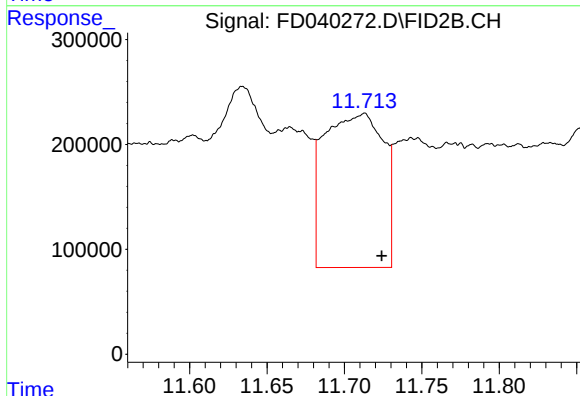
R.T.: 10.429 min
Delta R.T.: 0.006 min
Response: 2170523
Conc: 15.37 ug/ml



#9 ortho-Terphenyl (SURR)

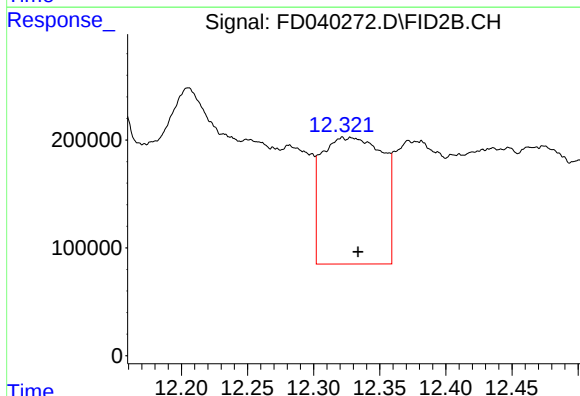
R.T.: 10.715 min
Delta R.T.: -0.017 min
Response: 5693734
Conc: 36.55 ug/ml

Instrument :
FID_D
ClientSampleId :



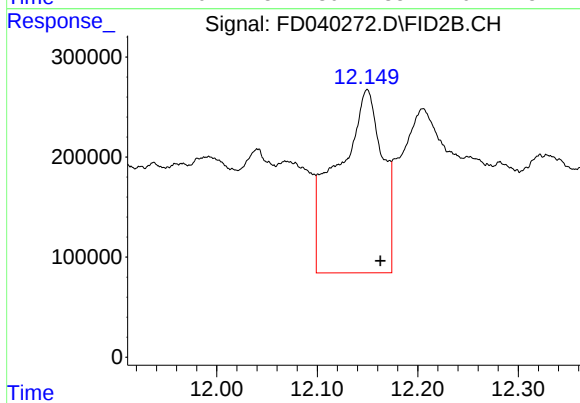
#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.011 min
Response: 3909030
Conc: 27.96 ug/ml



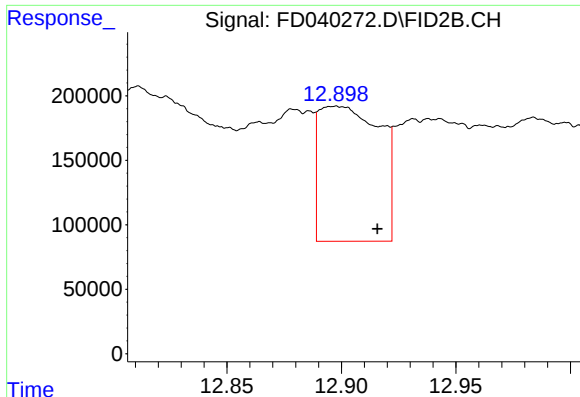
#11 n-Heneicosane (C21)

R.T.: 12.322 min
Delta R.T.: -0.012 min
Response: 3770587
Conc: 26.65 ug/ml



#12 1-chlorooctadecane (SURR)

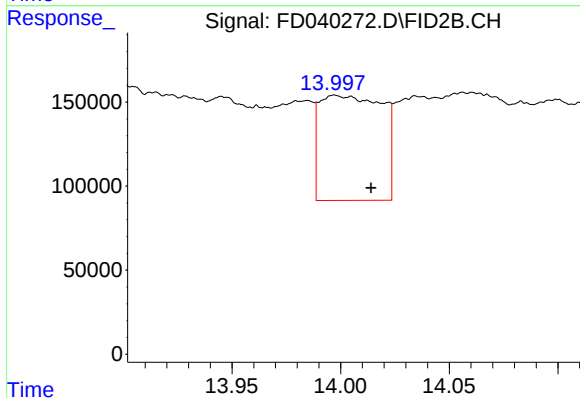
R.T.: 12.150 min
Delta R.T.: -0.013 min
Response: 5687859
Conc: 47.16 ug/ml



#13 n-Docosane (C22)

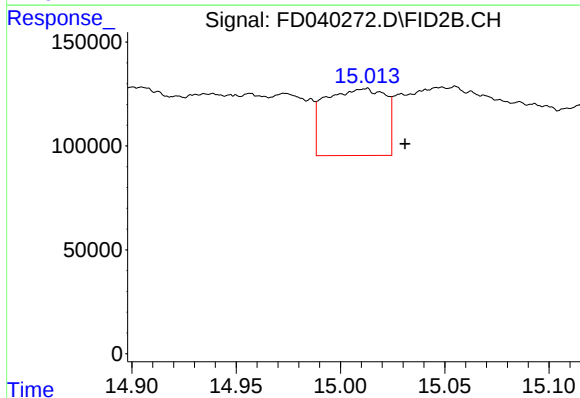
R.T.: 12.897 min
Delta R.T.: -0.018 min
Response: 1932227
Conc: 13.77 ug/ml

Instrument :
FID_D
ClientSampleId :



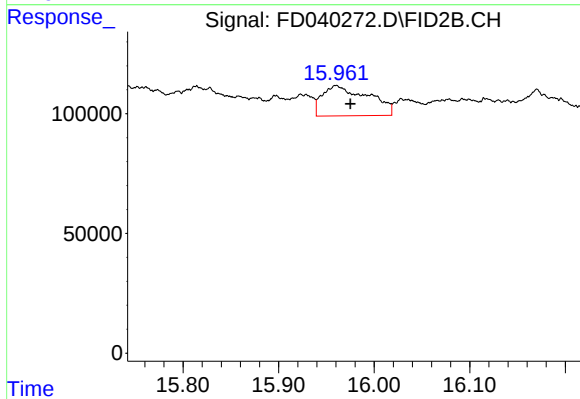
#14 n-Tetracosane (C24)

R.T.: 13.997 min
Delta R.T.: -0.017 min
Response: 1250095
Conc: 8.90 ug/ml



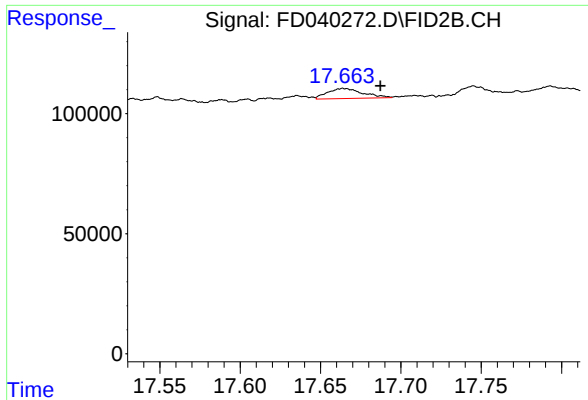
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: -0.019 min
Response: 645722
Conc: 4.70 ug/ml



#16 n-Octacosane (C28)

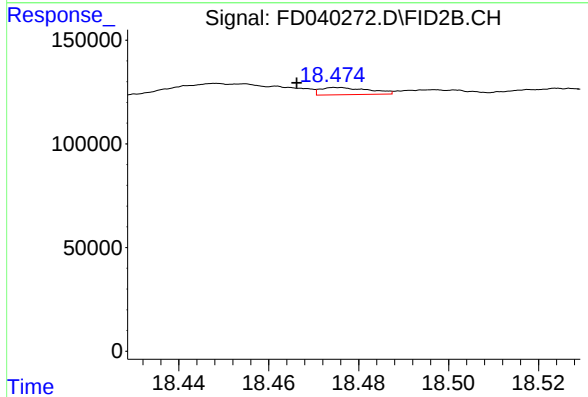
R.T.: 15.960 min
Delta R.T.: -0.015 min
Response: 423299
Conc: 3.11 ug/ml



#18 n-Dotriacontane (C32)

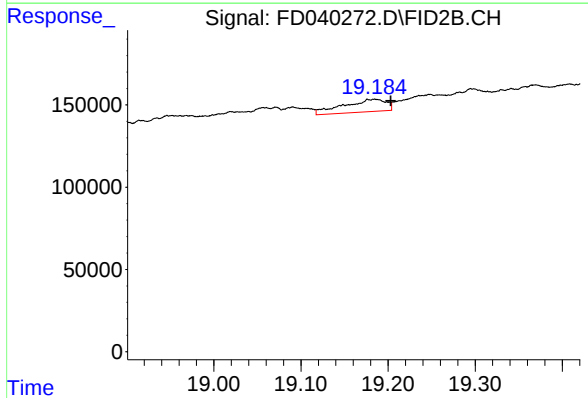
R.T.: 17.664 min
Delta R.T.: -0.023 min
Response: 64308
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 18.475 min
Delta R.T.: 0.009 min
Response: 26159
Conc: 0.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.185 min
Delta R.T.: -0.018 min
Response: 260302
Conc: 2.44 ug/ml