

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224AL\
 Data File : FE049387.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2024 08:09
 Operator : YP\AJ
 Sample : P3413-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 02 11:07:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.898	2565891	16.543 ug/ml
Spiked Amount 50.000		Recovery =	33.09%
12) S 1-chlorooctadecane (S...	13.323	5346966	45.765 ug/ml
Spiked Amount 50.000		Recovery =	91.53%
Target Compounds			
4) T n-Dodecane (C12)	6.705	93812	0.609 ug/ml
5) T A~2-methylnaphthalene...	7.344	147015	1.010 ug/ml
6) T n-Tetradecane (C14)	8.531	575596	3.792 ug/ml
7) T n-Hexadecane (C16)	10.137	747204	4.927 ug/ml
8) T n-Octadecane (C18)	11.579	680704	4.483 ug/ml
10) T n-Eicosane (C20)	12.888	519262	3.591 ug/ml
11) T n-Heneicosane (C21)	13.523	820349	5.785 ug/ml
13) T n-Docosane (C22)	14.086	276604	1.969 ug/ml
14) T n-Tetracosane (C24)	15.180	429767	3.066 ug/ml
15) T n-Hexacosane (C26)	16.208	81533	0.581 ug/ml
16) T n-Octacosane (C28)	17.178	239999	1.715 ug/ml
17) T n-Tricontane (C30)	18.044	227481	1.559 ug/ml
18) T n-Dotriacontane (C32)	18.873	206204	1.402 ug/ml
19) T n-Tetratriacontane (C34)	19.658	141889	0.971 ug/ml
20) T n-Hexatriacontane (C36)	20.396	116089	0.805 ug/ml
22) T n-Tetracontane (C40)	22.031	99875	0.662 ug/ml

(f)=RT Delta > 1/2 Window

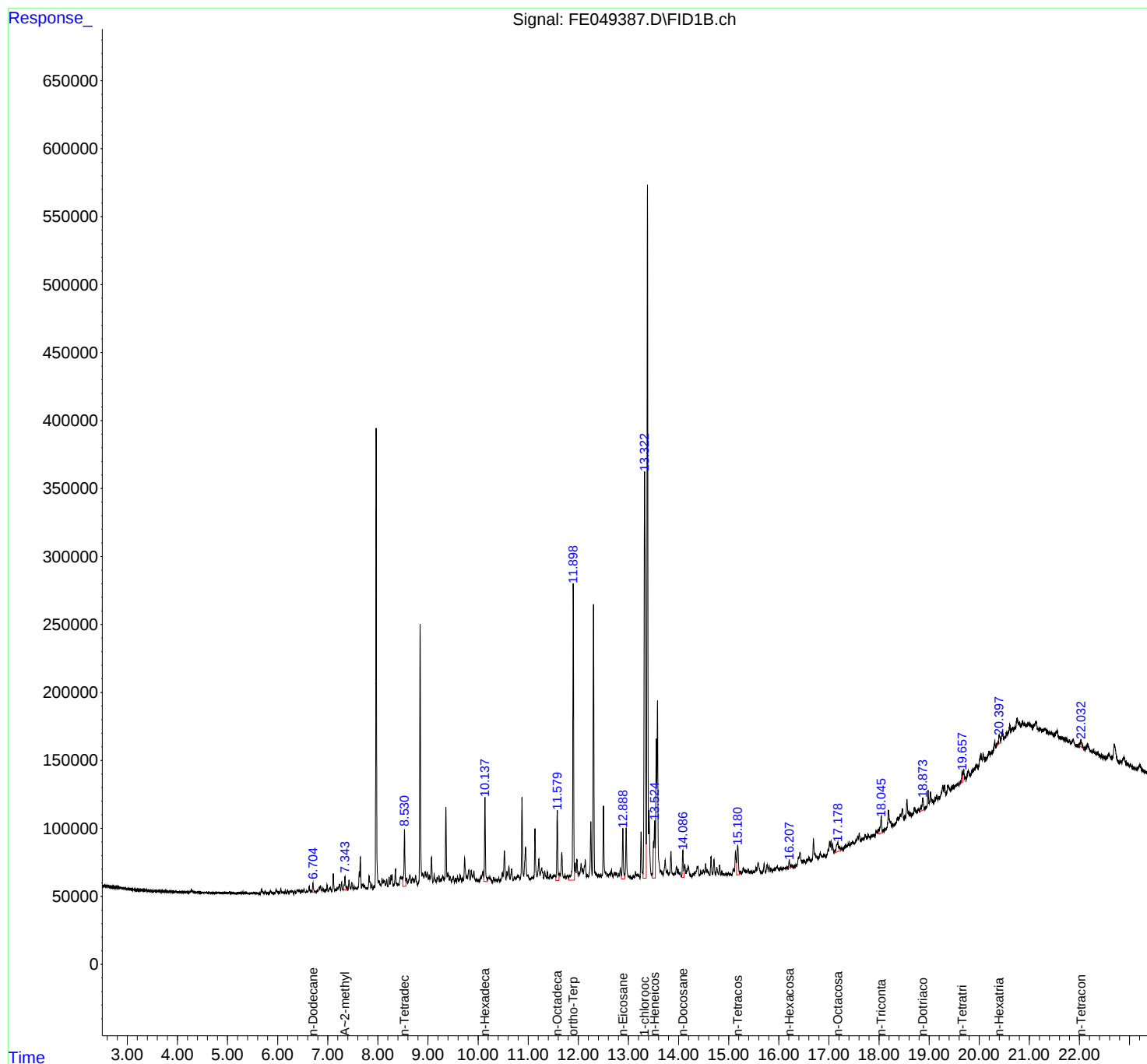
(m)=manual int.

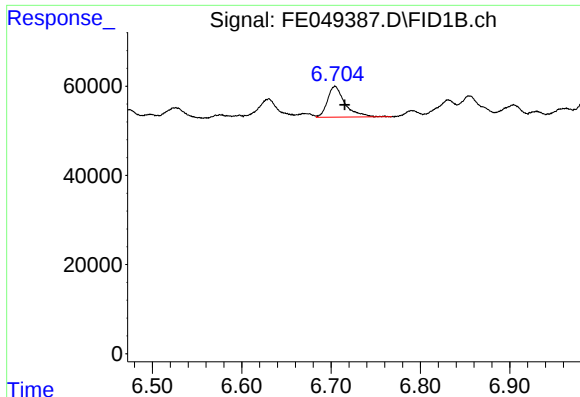
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

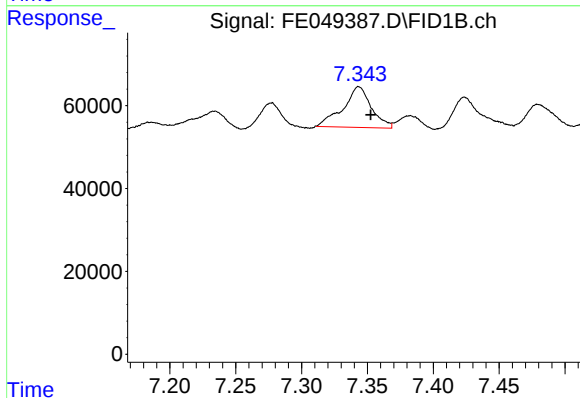




#4 n-Dodecane (C12)

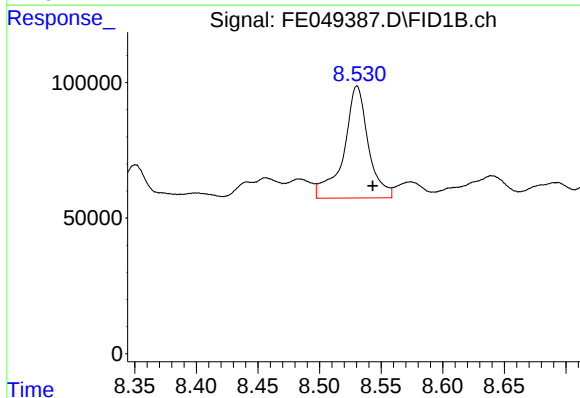
R.T.: 6.705 min
Delta R.T.: -0.011 min
Response: 93812
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :



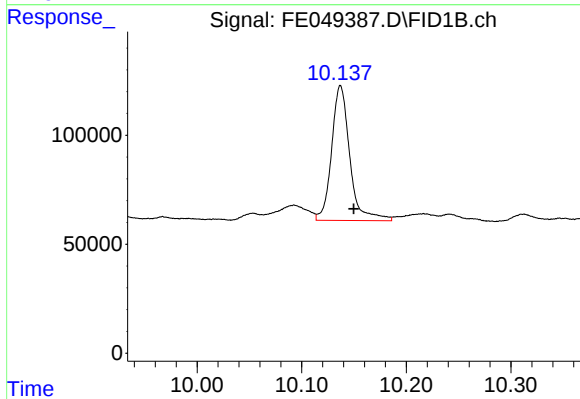
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.344 min
Delta R.T.: -0.009 min
Response: 147015
Conc: 1.01 ug/ml



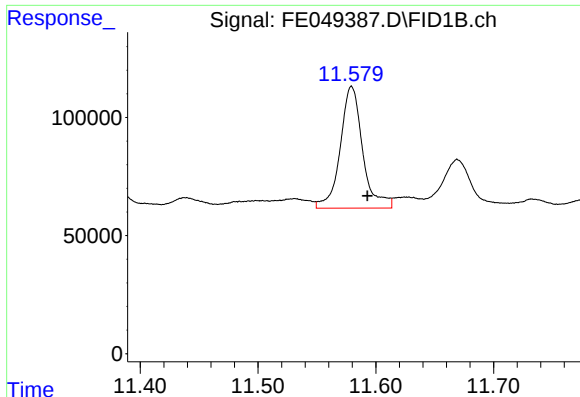
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 575596
Conc: 3.79 ug/ml



#7 n-Hexadecane (C16)

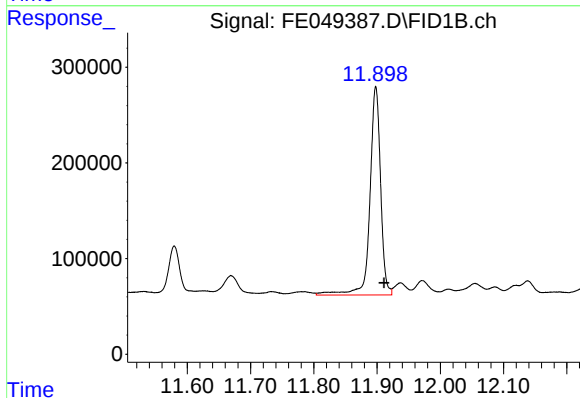
R.T.: 10.137 min
Delta R.T.: -0.013 min
Response: 747204
Conc: 4.93 ug/ml



#8 n-Octadecane (C18)

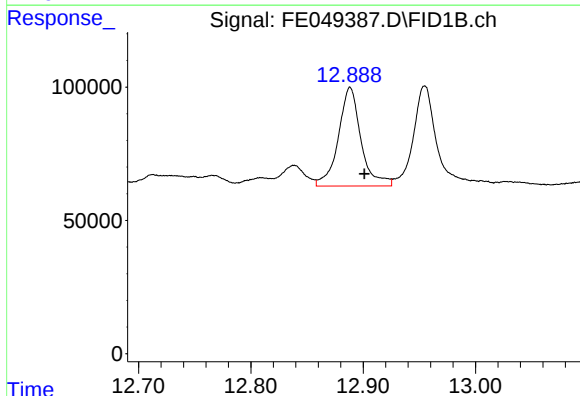
R.T.: 11.579 min
Delta R.T.: -0.013 min
Response: 680704
Conc: 4.48 ug/ml

Instrument :
FID_E
ClientSampleId :



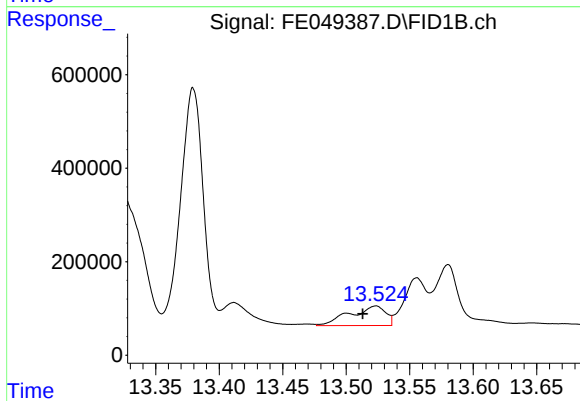
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.013 min
Response: 2565891
Conc: 16.54 ug/ml



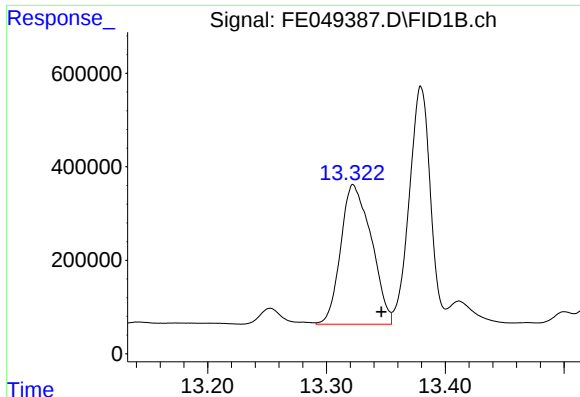
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.013 min
Response: 519262
Conc: 3.59 ug/ml



#11 n-Heneicosane (C21)

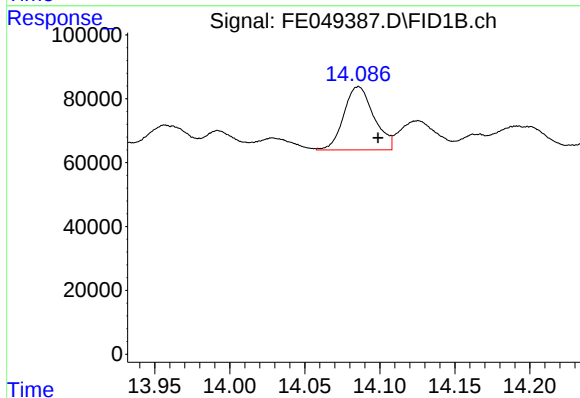
R.T.: 13.523 min
Delta R.T.: 0.010 min
Response: 820349
Conc: 5.78 ug/ml



#12 1-chlorooctadecane (SURR)

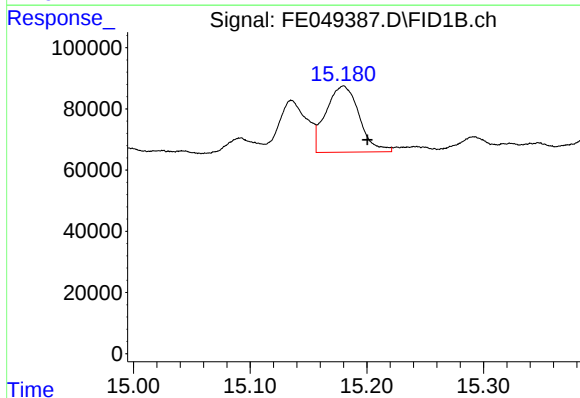
R.T.: 13.323 min
Delta R.T.: -0.024 min
Response: 5346966
Conc: 45.76 ug/ml

Instrument :
FID_E
ClientSampleId :



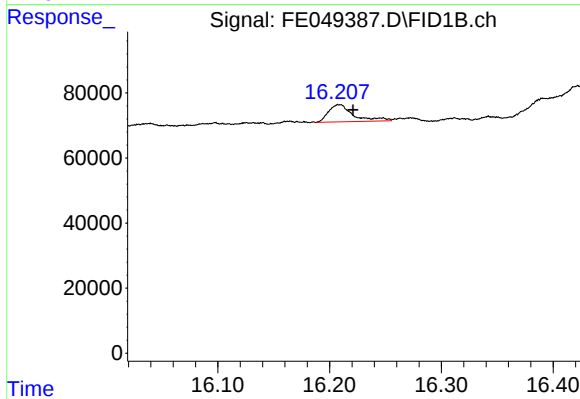
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.013 min
Response: 276604
Conc: 1.97 ug/ml



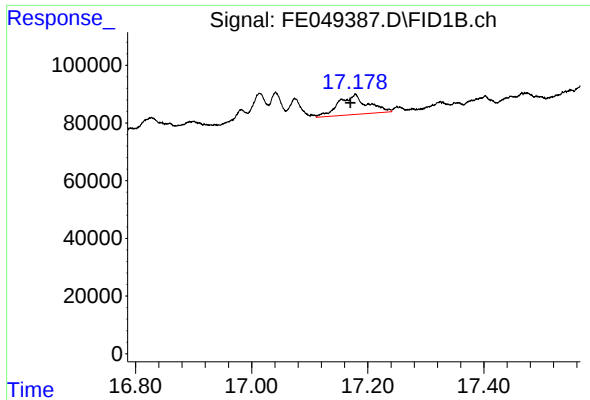
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.021 min
Response: 429767
Conc: 3.07 ug/ml



#15 n-Hexacosane (C26)

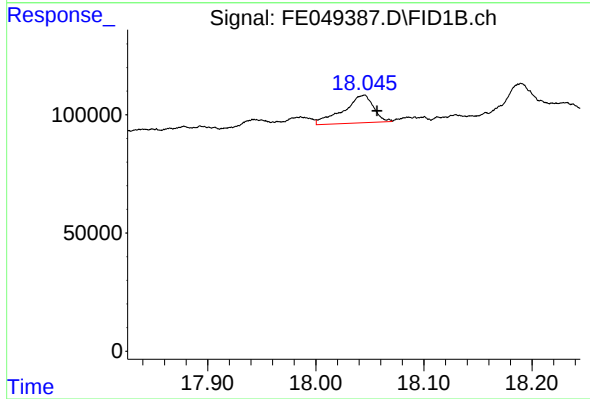
R.T.: 16.208 min
Delta R.T.: -0.012 min
Response: 81533
Conc: 0.58 ug/ml



#16 n-Octacosane (C28)

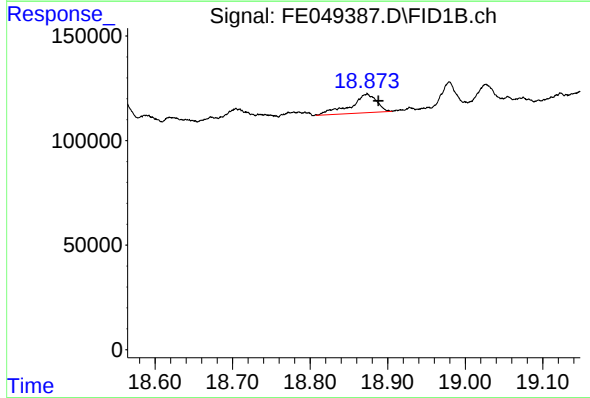
R.T.: 17.178 min
Delta R.T.: 0.008 min
Response: 239999
Conc: 1.71 ug/ml

Instrument :
FID_E
ClientSampleId :



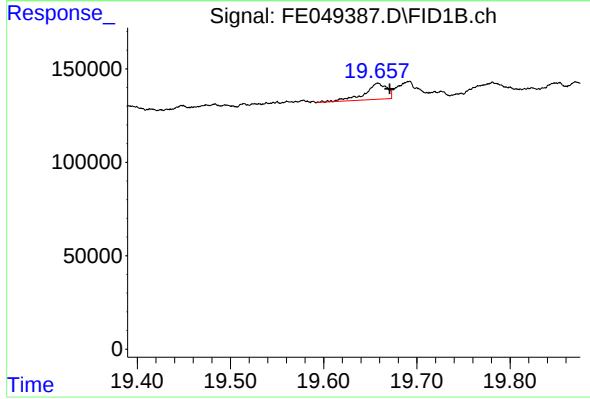
#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.013 min
Response: 227481
Conc: 1.56 ug/ml



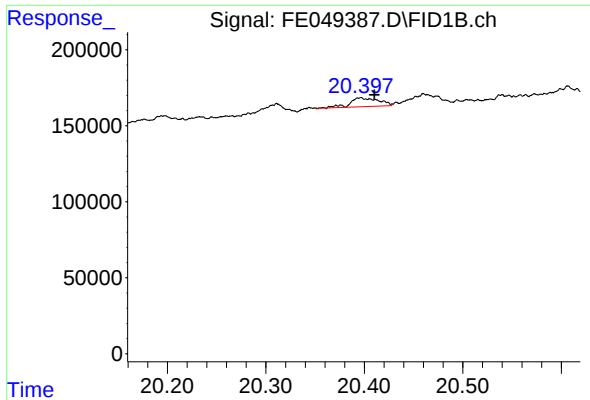
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.015 min
Response: 206204
Conc: 1.40 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.013 min
Response: 141889
Conc: 0.97 ug/ml



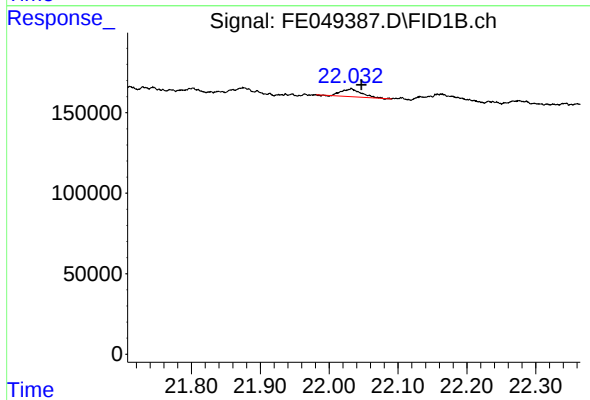
#20 n-Hexatriacontane (C36)

R.T.: 20.396 min
Delta R.T.: -0.014 min
Response: 116089
Conc: 0.81 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: -0.015 min
Response: 99875
Conc: 0.66 ug/ml