

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011425AL\
 Data File : FE051920.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jan 2025 17:12
 Operator : YP\AJ
 Sample : Q1077-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 15 01:28:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 13:43:24 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)	12.159	4530225	31.254 ug/ml
Spiked Amount 50.000		Recovery =	62.51%
12) S 1-chlorooctadecane (S...	13.587	7100456	61.792 ug/ml
Spiked Amount 50.000		Recovery =	123.58%
Target Compounds			
2) T n-Decane (C10)	4.816	287794	2.529 ug/ml
3) T A~Naphthalene (C11.7)	6.522	1725076	13.526 ug/ml
4) T n-Dodecane (C12)	6.966	1466961	12.492 ug/ml
5) T A~2-methylnaphthalene...	7.612	3310523	26.451 ug/ml
6) T n-Tetradecane (C14)	8.787	2202309	18.368 ug/ml
7) T n-Hexadecane (C16)	10.389	2352817	18.385 ug/ml
8) T n-Octadecane (C18)	11.829	1600224	12.026 ug/ml
10) T n-Eicosane (C20)	13.136	1657405	12.596 ug/ml
11) T n-Heneicosane (C21)	13.749	853576	6.495 ug/ml
13) T n-Docosane (C22)	14.333	554598	4.227 ug/ml
14) T n-Tetracosane (C24)	15.431	780913	5.896 ug/ml
15) T n-Hexacosane (C26)	16.452	67433	0.514 ug/ml
16) T n-Octacosane (C28)	17.428	361228	2.798 ug/ml
17) T n-Tricontane (C30)	18.288	397949	3.027 ug/ml
18) T n-Dotriacontane (C32)	19.116	244080	1.923 ug/ml
19) T n-Tetratriacontane (C34)	19.902	130121	1.171 ug/ml
20) T n-Hexatriacontane (C36)	20.571f	156301	1.584 ug/ml

(f)=RT Delta > 1/2 Window

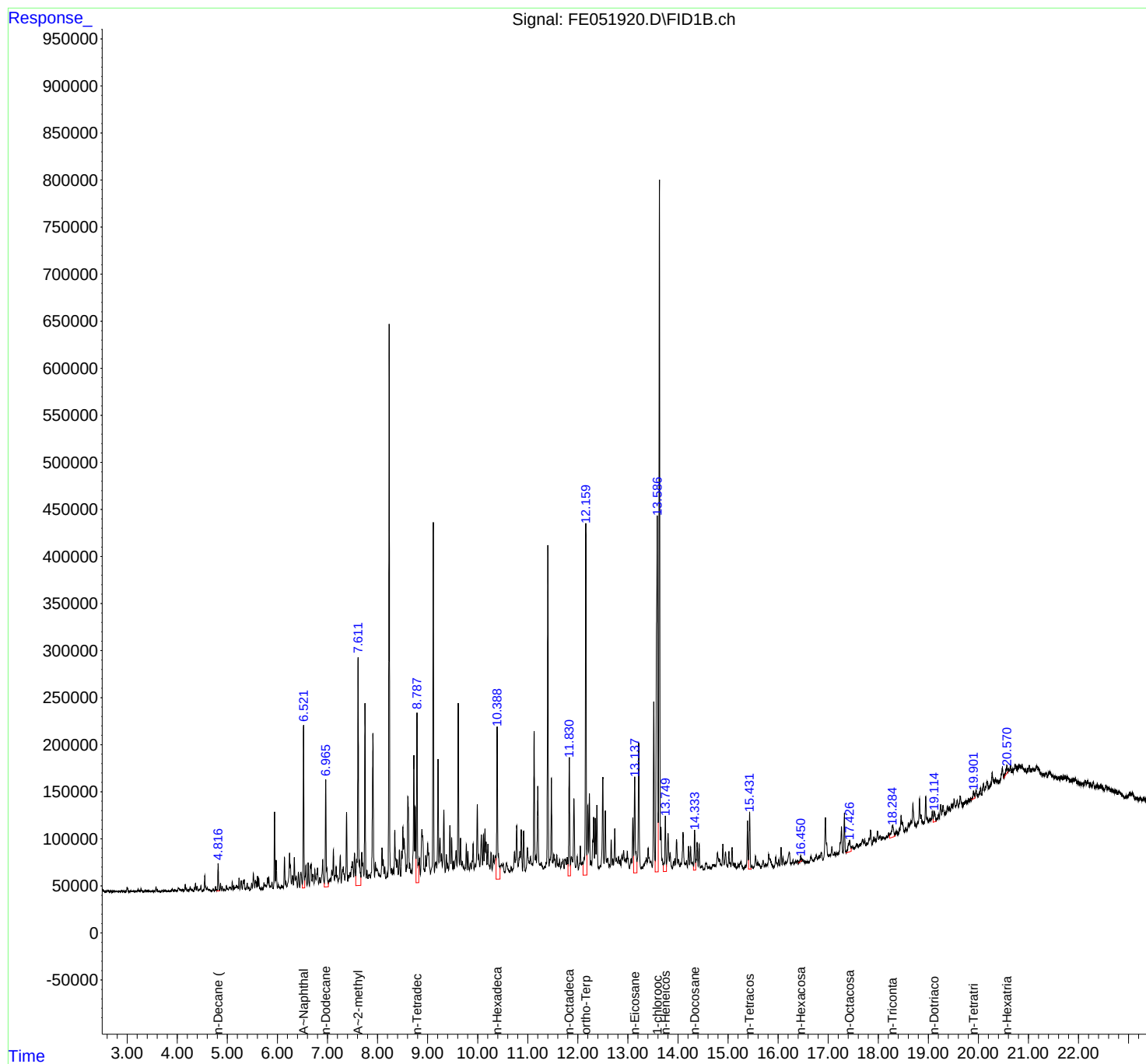
(m)=manual int.

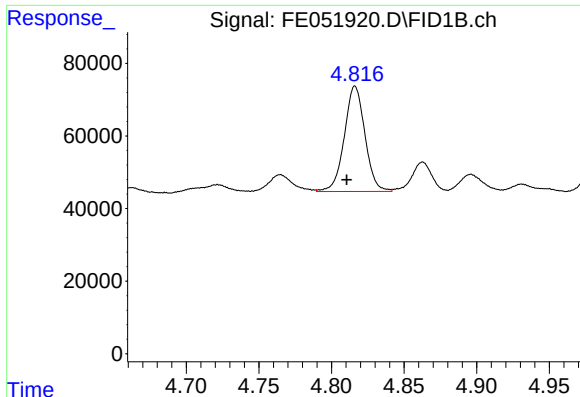
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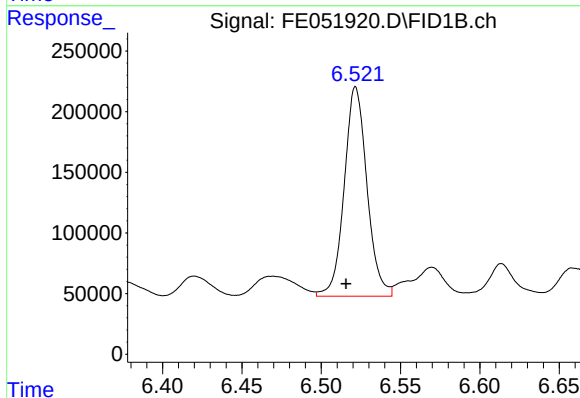




#2 n-Decane (C10)

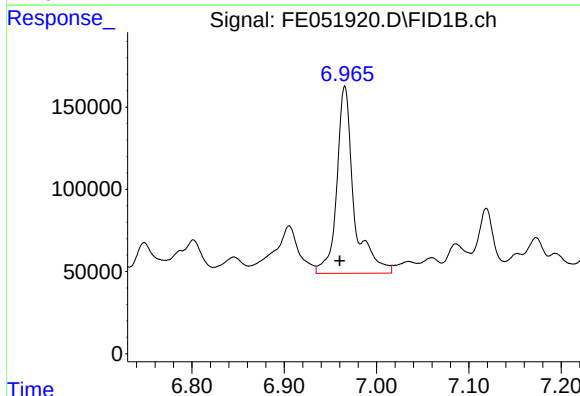
R.T.: 4.816 min
Delta R.T.: 0.006 min
Response: 287794
Conc: 2.53 ug/ml

Instrument :
FID_E
ClientSampleId :



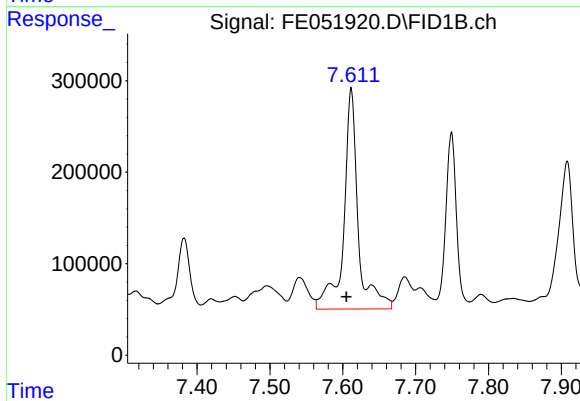
#3 A~Naphthalene (C11.7)

R.T.: 6.522 min
Delta R.T.: 0.006 min
Response: 1725076
Conc: 13.53 ug/ml



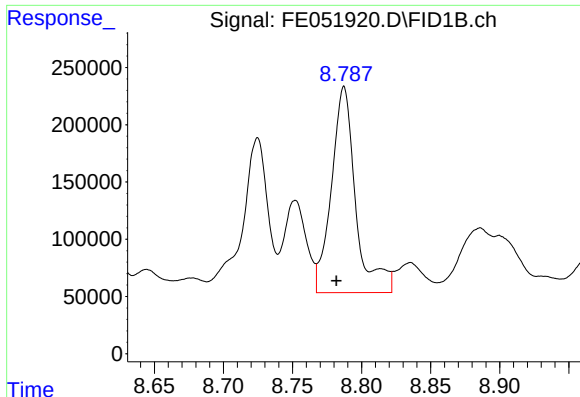
#4 n-Dodecane (C12)

R.T.: 6.966 min
Delta R.T.: 0.005 min
Response: 1466961
Conc: 12.49 ug/ml



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

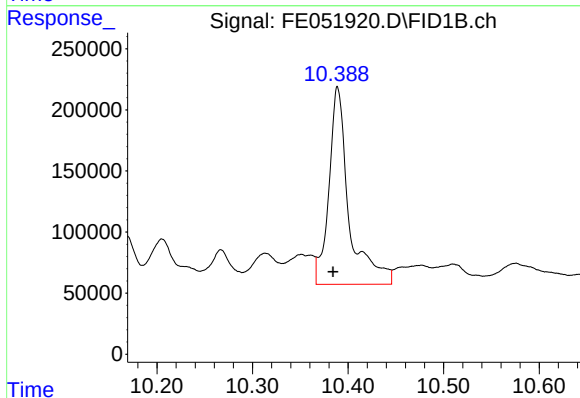
R.T.: 7.612 min
Delta R.T.: 0.007 min
Response: 3310523
Conc: 26.45 ug/ml



#6 n-Tetradecane (C14)

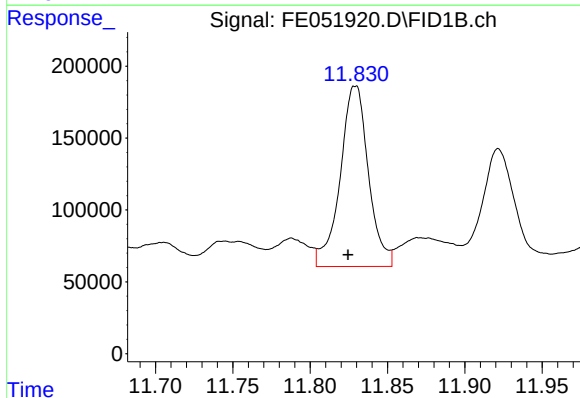
R.T.: 8.787 min
Delta R.T.: 0.005 min
Response: 2202309
Conc: 18.37 ug/ml

Instrument :
FID_E
ClientSampleId :



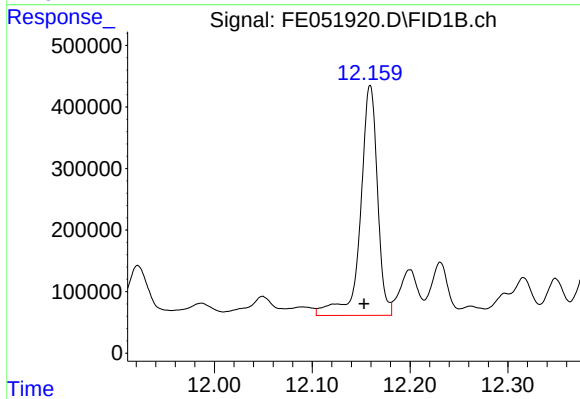
#7 n-Hexadecane (C16)

R.T.: 10.389 min
Delta R.T.: 0.005 min
Response: 2352817
Conc: 18.39 ug/ml



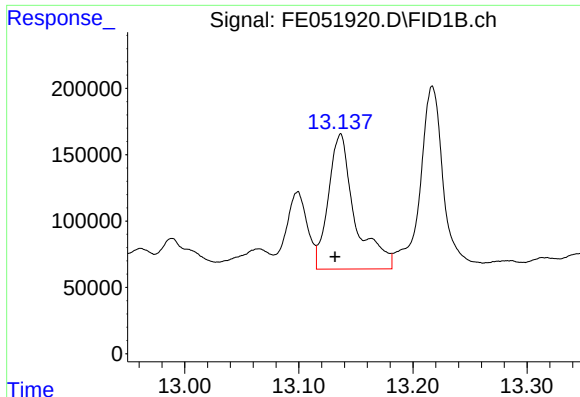
#8 n-Octadecane (C18)

R.T.: 11.829 min
Delta R.T.: 0.005 min
Response: 1600224
Conc: 12.03 ug/ml



#9 ortho-Terphenyl (SURR)

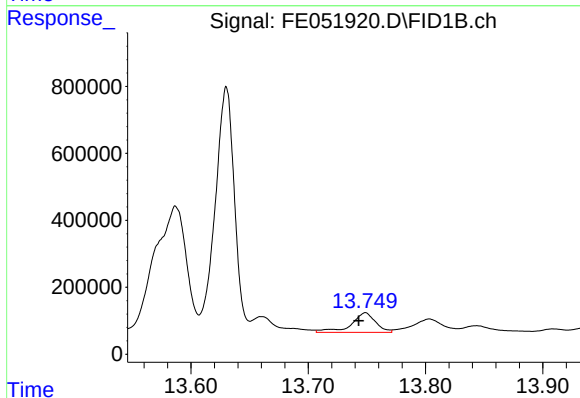
R.T.: 12.159 min
Delta R.T.: 0.006 min
Response: 4530225
Conc: 31.25 ug/ml



#10 n-Eicosane (C20)

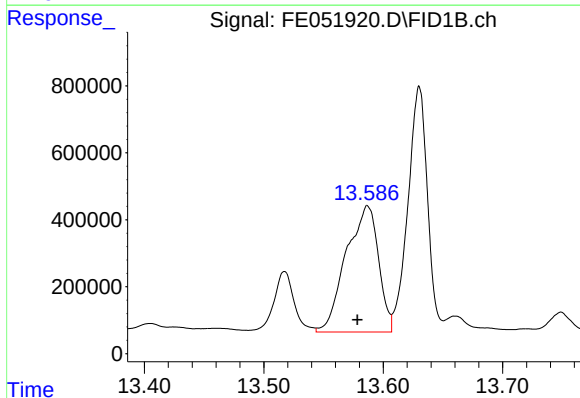
R.T.: 13.136 min
Delta R.T.: 0.004 min
Response: 1657405
Conc: 12.60 ug/ml

Instrument :
FID_E
ClientSampleId :



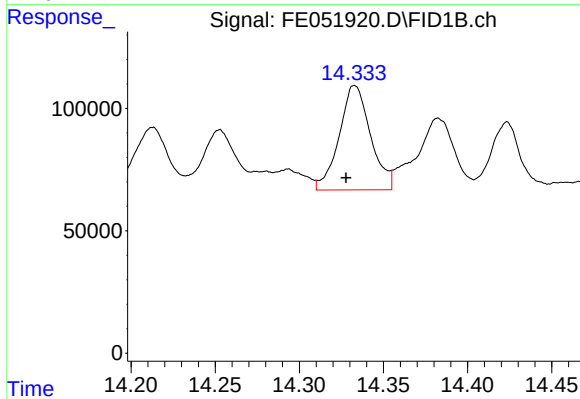
#11 n-Heneicosane (C21)

R.T.: 13.749 min
Delta R.T.: 0.005 min
Response: 853576
Conc: 6.49 ug/ml



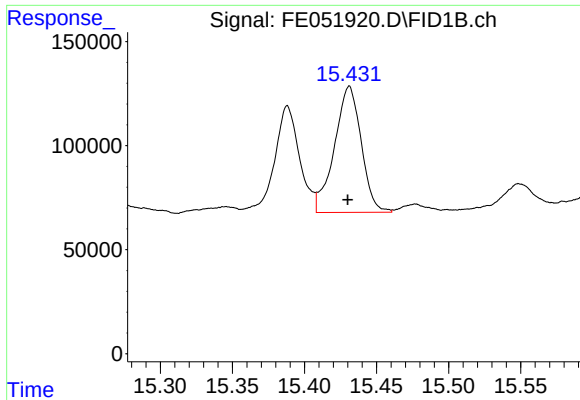
#12 1-chlorooctadecane (SURR)

R.T.: 13.587 min
Delta R.T.: 0.008 min
Response: 7100456
Conc: 61.79 ug/ml



#13 n-Docosane (C22)

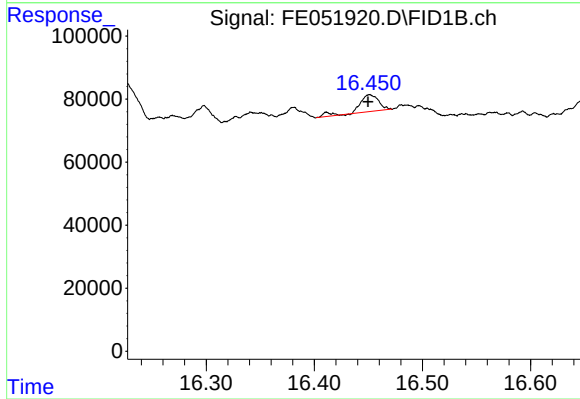
R.T.: 14.333 min
Delta R.T.: 0.005 min
Response: 554598
Conc: 4.23 ug/ml



#14 n-Tetracosane (C24)

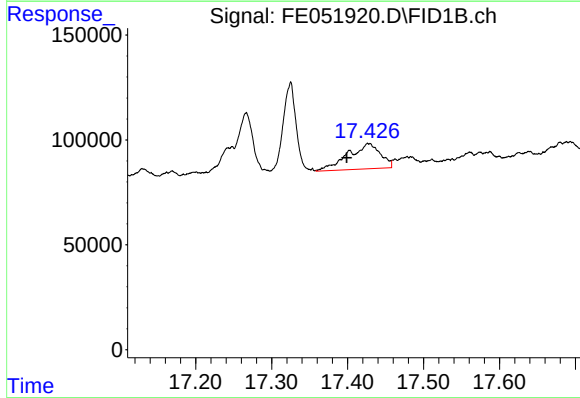
R.T.: 15.431 min
Delta R.T.: 0.001 min
Response: 780913
Conc: 5.90 ug/ml

Instrument :
FID_E
ClientSampleId :



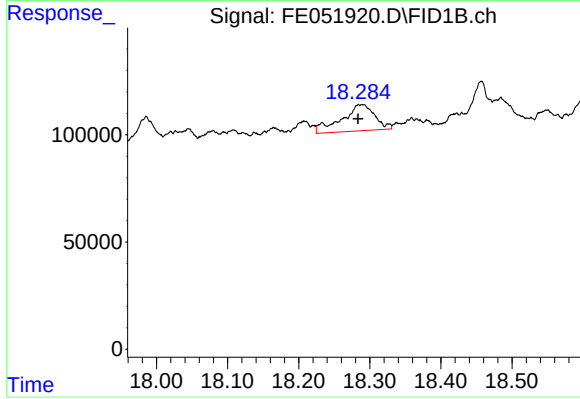
#15 n-Hexacosane (C26)

R.T.: 16.452 min
Delta R.T.: 0.002 min
Response: 67433
Conc: 0.51 ug/ml



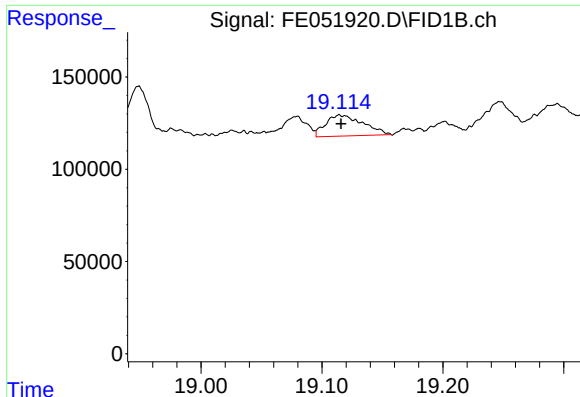
#16 n-Octacosane (C28)

R.T.: 17.428 min
Delta R.T.: 0.029 min
Response: 361228
Conc: 2.80 ug/ml



#17 n-Tricontane (C30)

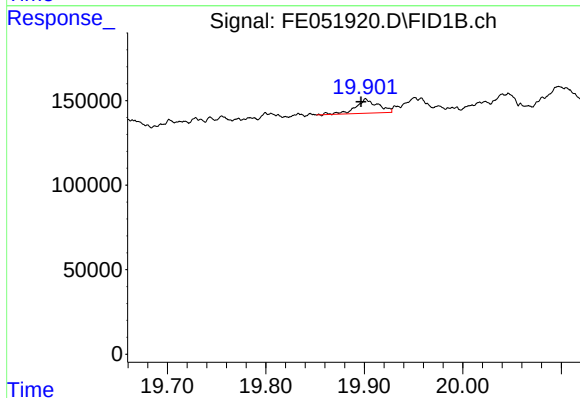
R.T.: 18.288 min
Delta R.T.: 0.004 min
Response: 397949
Conc: 3.03 ug/ml



#18 n-Dotriacontane (C32)

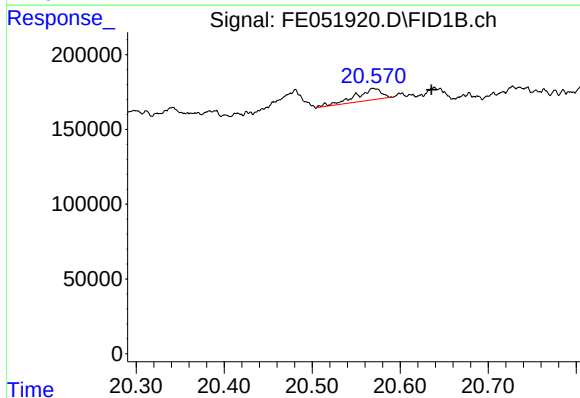
R.T.: 19.116 min
Delta R.T.: 0.000 min
Response: 244080
Conc: 1.92 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.902 min
Delta R.T.: 0.005 min
Response: 130121
Conc: 1.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.571 min
Delta R.T.: -0.065 min
Response: 156301
Conc: 1.58 ug/ml