

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048333.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 18:51
 Operator : YP\AJ
 Sample : P2556-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 01:37:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	12.007	124693024	864.334 ug/ml
Spiked Amount 50.000		Recovery	= 1728.67%
12) S 1-chlorooctadecane (S...	13.396	160401243	1435.473 ug/ml
Spiked Amount 50.000		Recovery	= 2870.95%
Target Compounds			
1) T n-Nonane (C9)	3.340	1144930	8.884 ug/ml
2) T n-Decane (C10)	4.594	3426483	26.026 ug/ml
3) T A~Naphthalene (C11.7)	6.309	1828138	13.239 ug/ml
4) T n-Dodecane (C12)	6.765	4098122	30.741 ug/ml
5) T A~2-methylnaphthalene...	7.408	8914469	66.988 ug/ml
6) T n-Tetradecane (C14)	8.611	59492148	448.924 ug/ml
7) T n-Hexadecane (C16)	10.190	77675188	564.775 ug/ml
8) T n-Octadecane (C18)	11.655	56448900	405.242 ug/ml
10) T n-Eicosane (C20)	12.971	39704757	294.888 ug/ml
11) T n-Heneicosane (C21)	13.571	143208348	1081.842 ug/ml
13) T n-Docosane (C22)	14.150	32192608	242.926 ug/ml
14) T n-Tetracosane (C24)	15.240	113963860	855.884 ug/ml
15) T n-Hexacosane (C26)	16.265	18035191	135.152 ug/ml
16) T n-Octacosane (C28)	17.226	19115616	143.568 ug/ml
17) T n-Tricontane (C30)	18.119	4662200	33.781 ug/ml
18) T n-Dotriacontane (C32)	18.945	2510538	18.176 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2904551	21.322 ug/ml
20) T n-Hexatriacontane (C36)	20.468	3315414	24.486 ug/ml
21) T n-Octatriacontane (C38)	21.213	15625106	113.170 ug/ml
22) T n-Tetracontane (C40)	22.065f	5628618	40.400 ug/ml

(f)=RT Delta > 1/2 Window

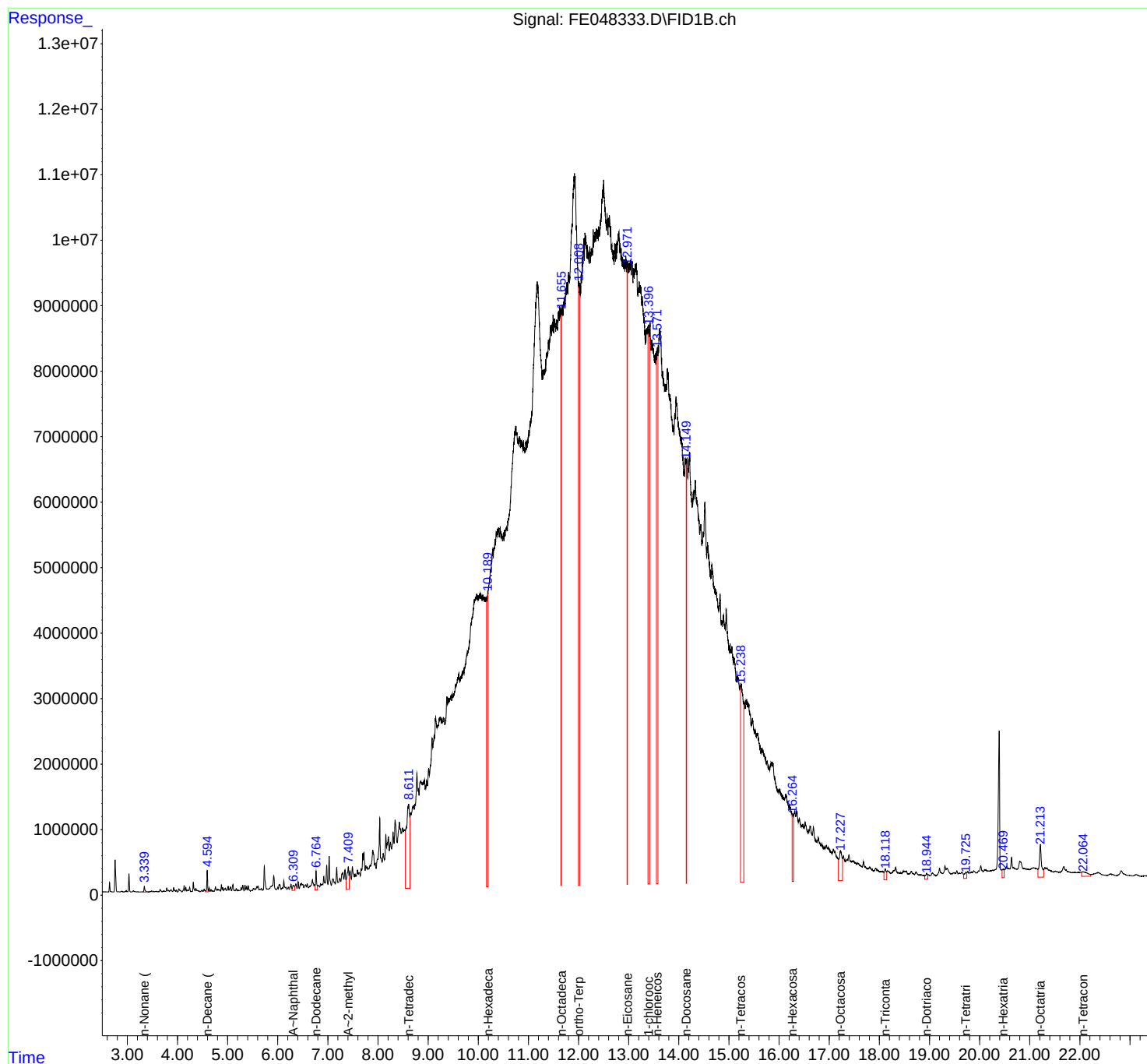
(m)=manual int.

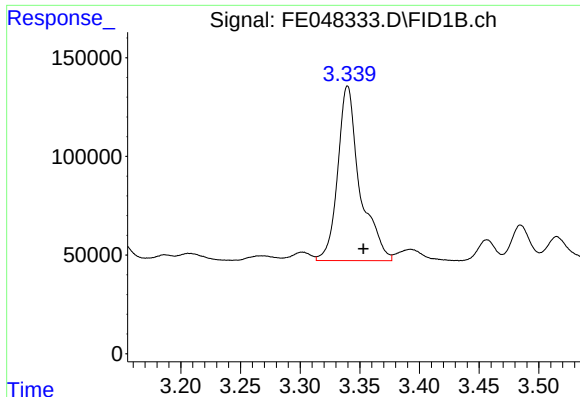
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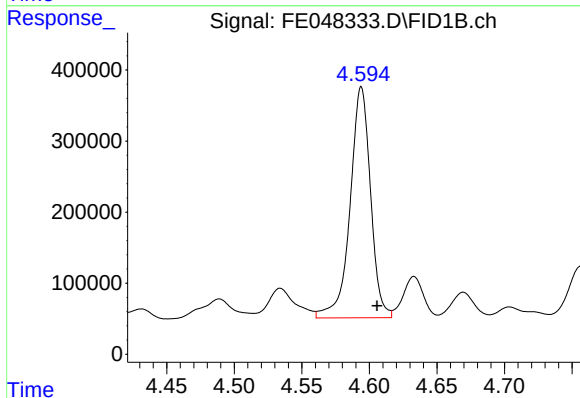




#1 n-Nonane (C9)

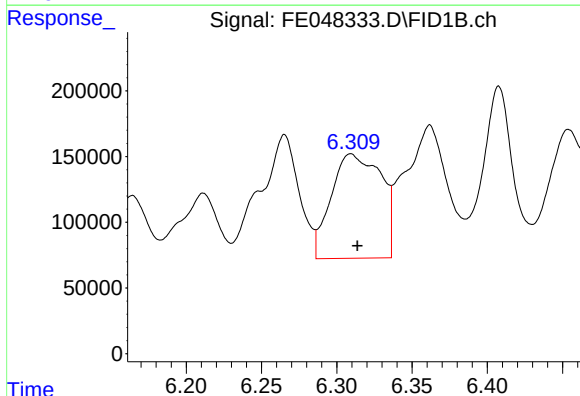
R.T.: 3.340 min
Delta R.T.: -0.013 min
Response: 1144930
Conc: 8.88 ug/ml

Instrument :
FID_E
ClientSampleId :



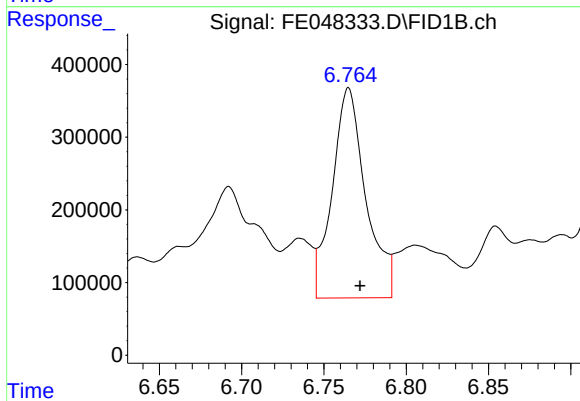
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 3426483
Conc: 26.03 ug/ml



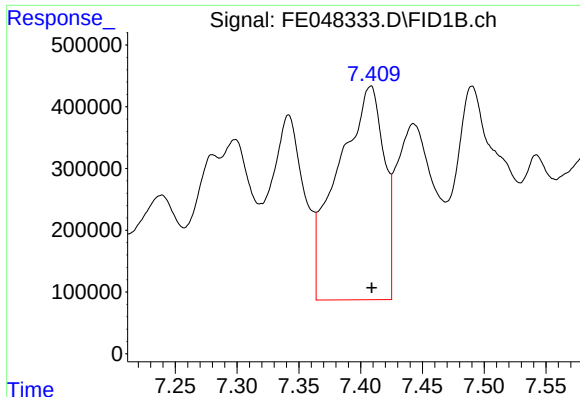
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: -0.004 min
Response: 1828138
Conc: 13.24 ug/ml



#4 n-Dodecane (C12)

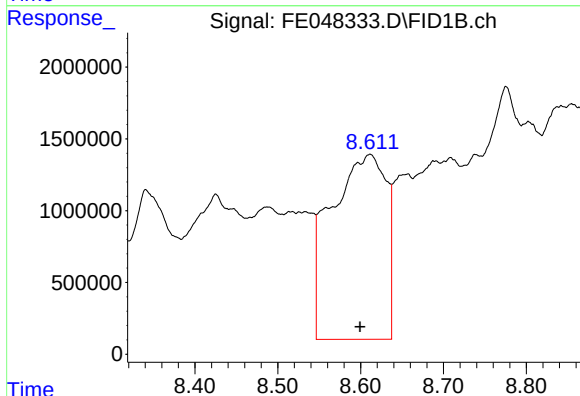
R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 4098122
Conc: 30.74 ug/ml



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

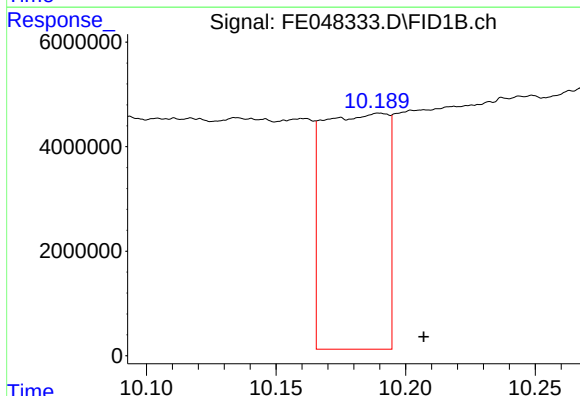
R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 8914469
Conc: 66.99 ug/ml

Instrument :
FID_E
ClientSampleId :



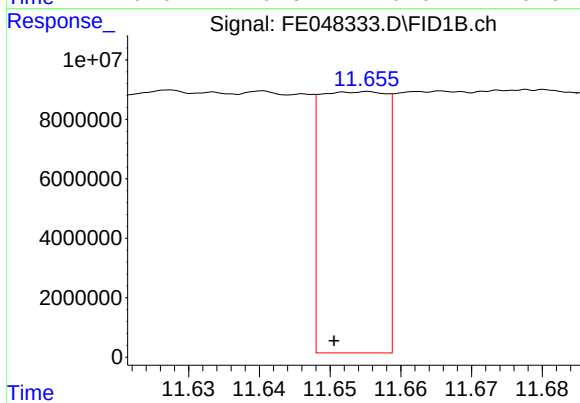
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.012 min
Response: 59492148
Conc: 448.92 ug/ml



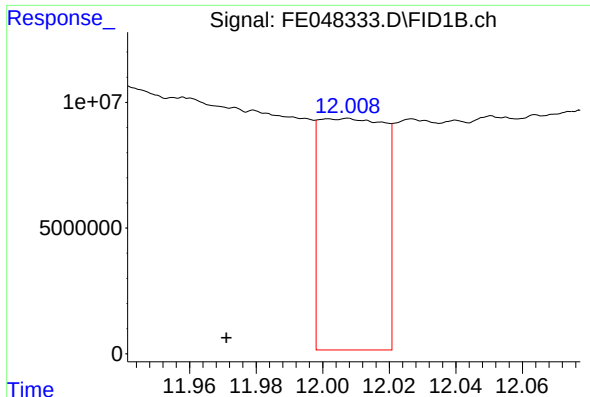
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.017 min
Response: 77675188
Conc: 564.77 ug/ml



#8 n-Octadecane (C18)

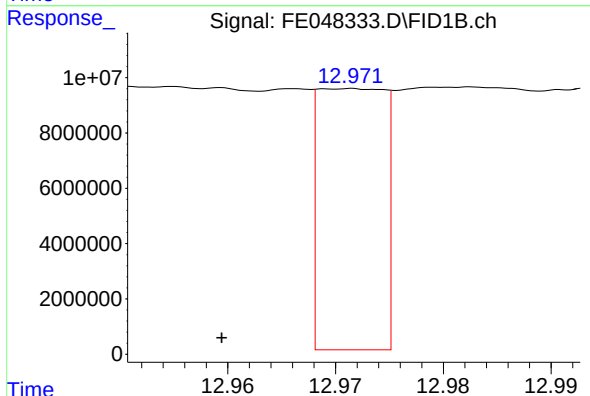
R.T.: 11.655 min
Delta R.T.: 0.004 min
Response: 56448900
Conc: 405.24 ug/ml



#9 ortho-Terphenyl (SURR)

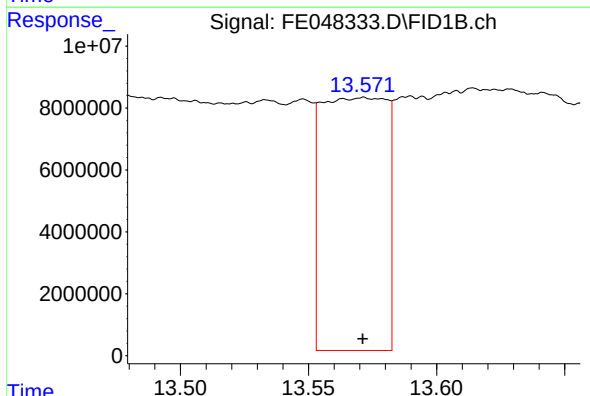
R.T.: 12.007 min
Delta R.T.: 0.036 min
Response: 124693024
Conc: 864.33 ug/ml

Instrument :
FID_E
ClientSampleId :



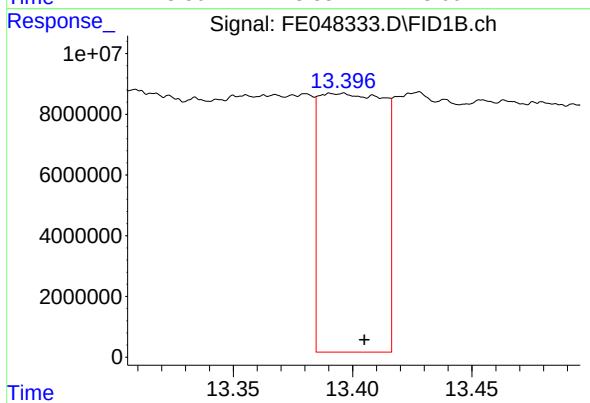
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.012 min
Response: 39704757
Conc: 294.89 ug/ml



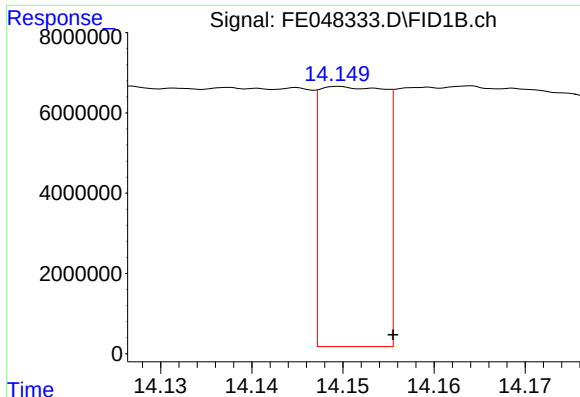
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 143208348
Conc: 1081.84 ug/ml



#12 1-chlorooctadecane (SURR)

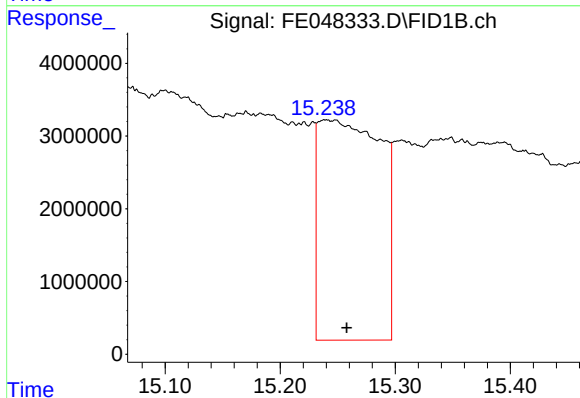
R.T.: 13.396 min
Delta R.T.: -0.009 min
Response: 160401243
Conc: 1435.47 ug/ml



#13 n-Docosane (C22)

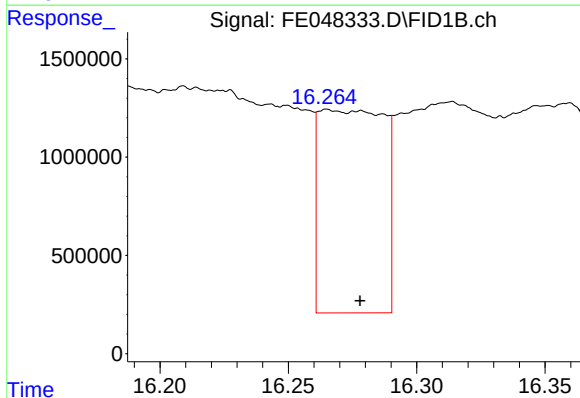
R.T.: 14.150 min
Delta R.T.: -0.005 min
Response: 32192608
Conc: 242.93 ug/ml

Instrument :
FID_E
ClientSampleId :



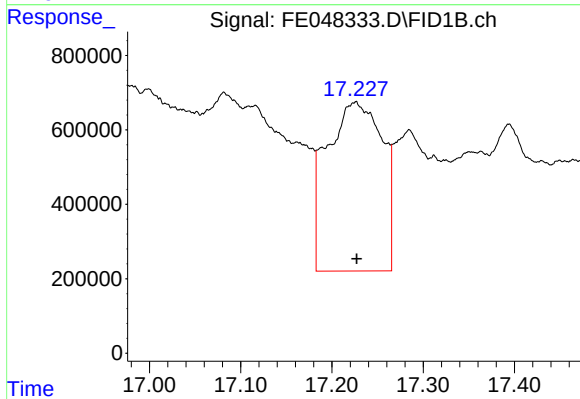
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.018 min
Response: 113963860
Conc: 855.88 ug/ml



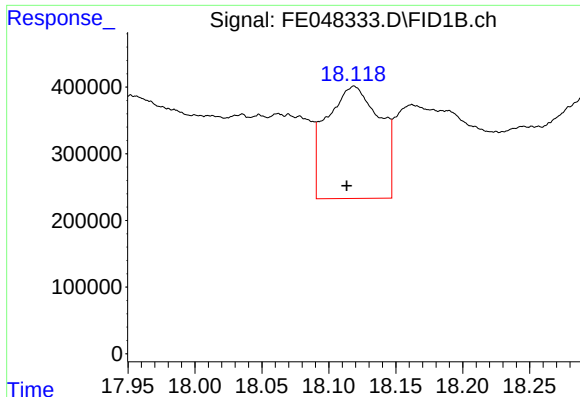
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.013 min
Response: 18035191
Conc: 135.15 ug/ml



#16 n-Octacosane (C28)

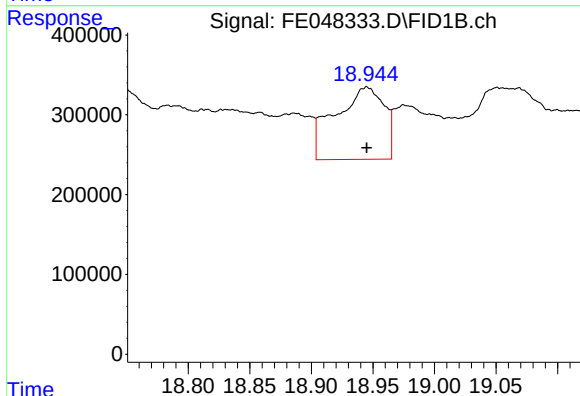
R.T.: 17.226 min
Delta R.T.: -0.001 min
Response: 19115616
Conc: 143.57 ug/ml



#17 n-Tricontane (C30)

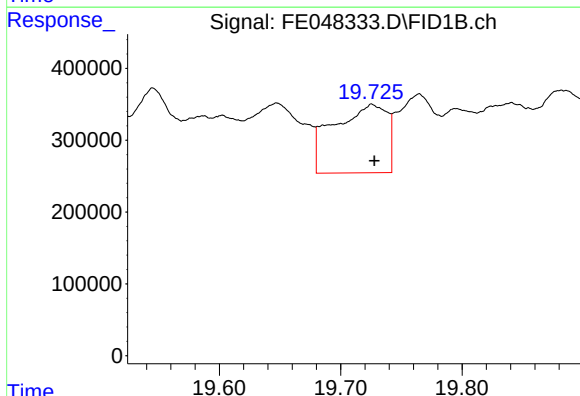
R.T.: 18.119 min
Delta R.T.: 0.006 min
Response: 4662200
Conc: 33.78 ug/ml

Instrument :
FID_E
ClientSampleId :



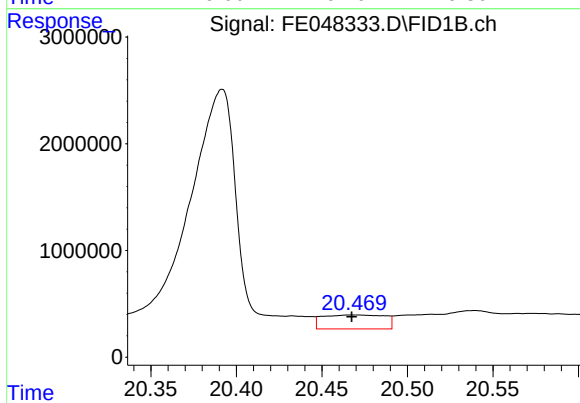
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 2510538
Conc: 18.18 ug/ml



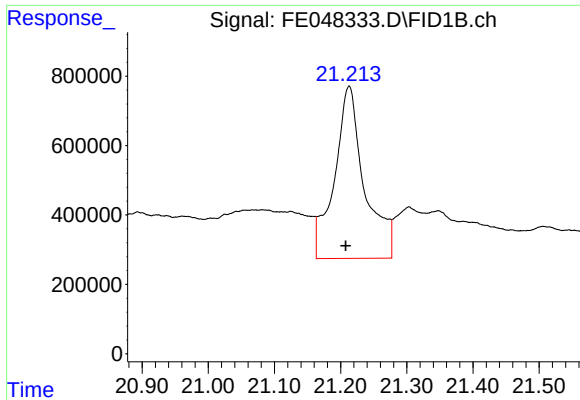
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.002 min
Response: 2904551
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

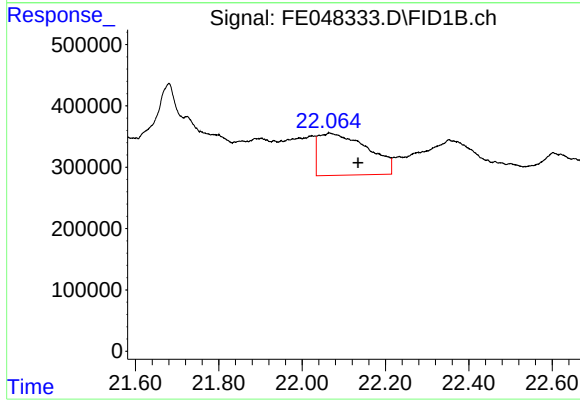
R.T.: 20.468 min
Delta R.T.: 0.000 min
Response: 3315414
Conc: 24.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.005 min
Response: 15625106
Conc: 113.17 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.069 min
Response: 5628618
Conc: 40.40 ug/ml