

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013125AL\
 Data File : FF015394.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 15:19
 Operator : YP\AJ
 Sample : PB166362BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB166362BSD

Integration File: autoint1.e
 Quant Time: Jan 31 03:39:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 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)	11.930	6041684	38.000 ug/ml
Spiked Amount	50.000	Recovery	= 76.00%
12) S 1-chlorooctadecane (S...	13.368	5012045	40.204 ug/ml
Spiked Amount	50.000	Recovery	= 80.41%
Target Compounds			
1) T n-Nonane (C9)	3.328	6537606	49.802 ug/ml
2) T n-Decane (C10)	4.576	6940823	51.890 ug/ml
3) T A~Naphthalene (C11.7)	6.272	7892979	54.269 ug/ml
4) T n-Dodecane (C12)	6.735	7128848	52.866 ug/ml
5) T A~2-methylnaphthalene...	7.366	7285764	51.778 ug/ml
6) T n-Tetradecane (C14)	8.563	7293118	53.979 ug/ml
7) T n-Hexadecane (C16)	10.168	7315781	51.630 ug/ml
8) T n-Octadecane (C18)	11.613	7360393	50.260 ug/ml
10) T n-Eicosane (C20)	12.924	7532114	52.241 ug/ml
11) T n-Heneicosane (C21)	13.536	7189835	50.368 ug/ml
13) T n-Docosane (C22)	14.123	7105598	49.573 ug/ml
14) T n-Tetracosane (C24)	15.211	13538265	93.327 ug/ml
15) T n-Hexacosane (C26)	16.252	6594014	46.401 ug/ml
16) T n-Octacosane (C28)	17.201	6387138	45.901 ug/ml
17) T n-Tricontane (C30)	18.091	6196033	44.489 ug/ml
18) T n-Dotriacontane (C32)	18.924	5958297	45.681 ug/ml
19) T n-Tetratriacontane (C34)	19.708	5745075	52.848 ug/ml
20) T n-Hexatriacontane (C36)	20.450	5289331	60.137 ug/ml
21) T n-Octatriacontane (C38)	21.188	5045787	61.227 ug/ml
22) T n-Tetracontane (C40)	22.105	4823128	60.790 ug/ml

(f)=RT Delta > 1/2 Window

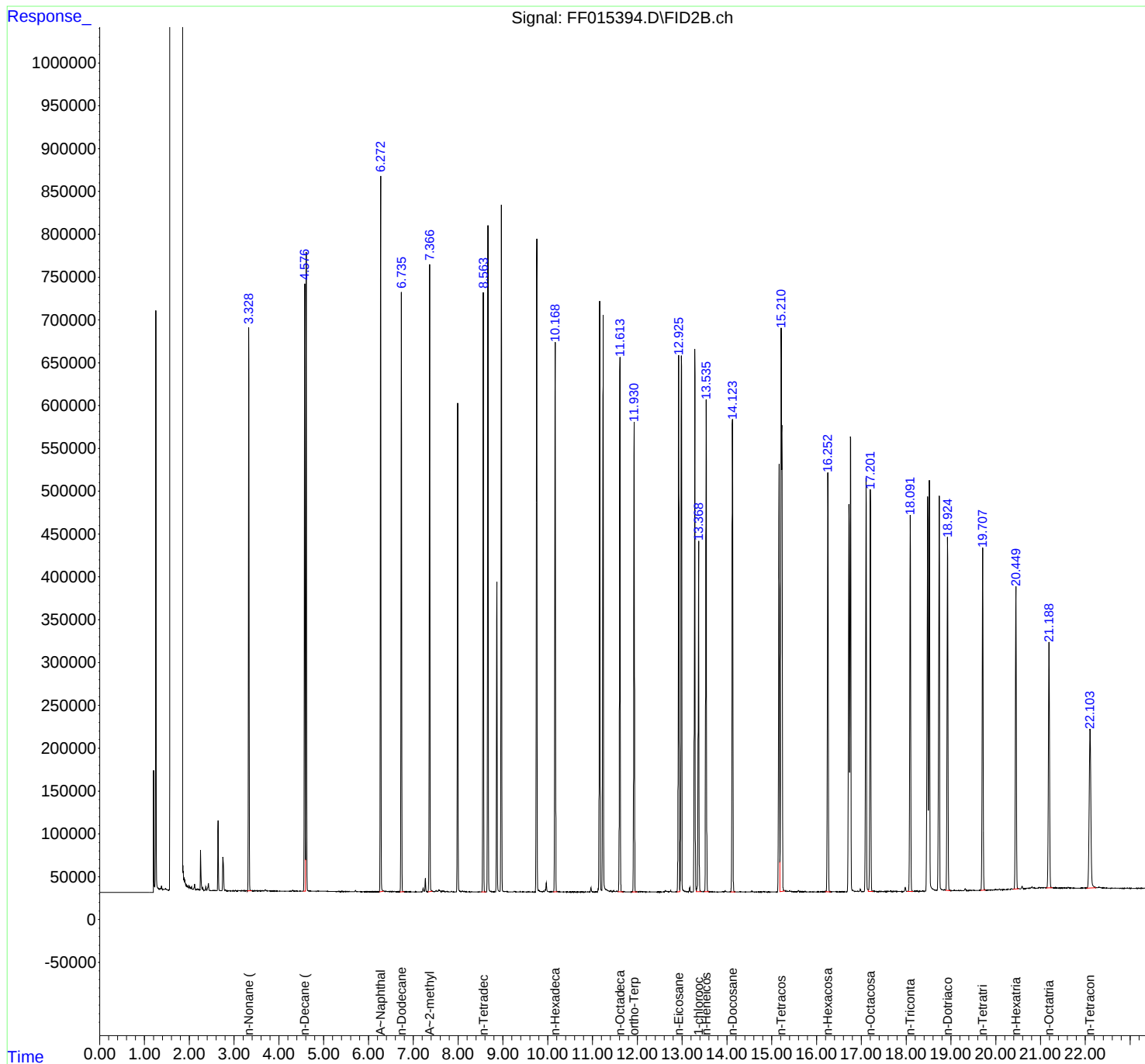
(m)=manual int.

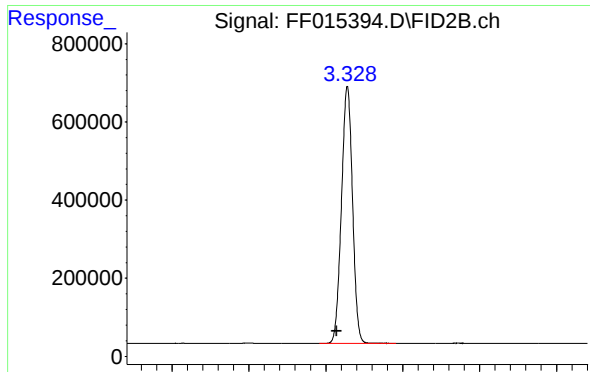
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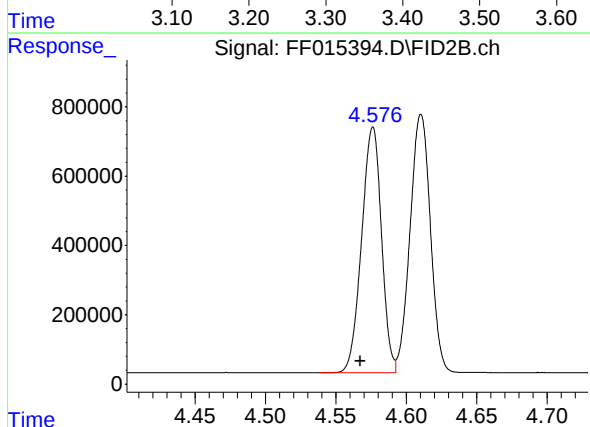




#1 n-Nonane (C9)

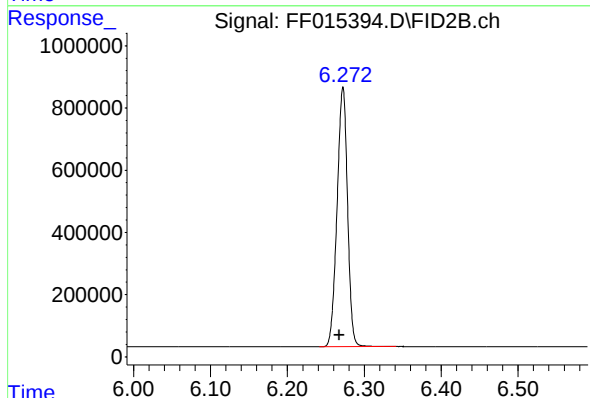
R.T.: 3.328 min
Delta R.T.: 0.014 min
Response: 6537606
Conc: 49.80 ug/ml

Instrument :
FID_F
ClientSampleId :
PB166362BSD



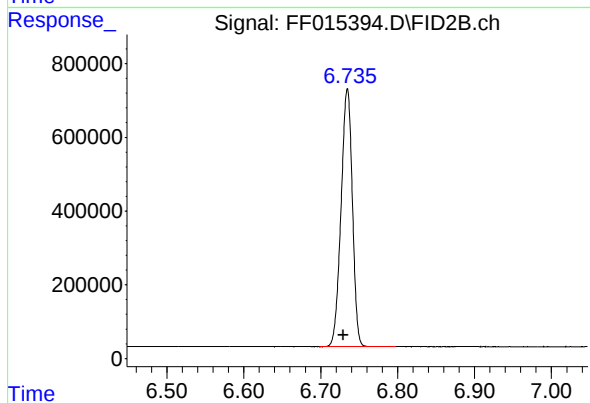
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.009 min
Response: 6940823
Conc: 51.89 ug/ml



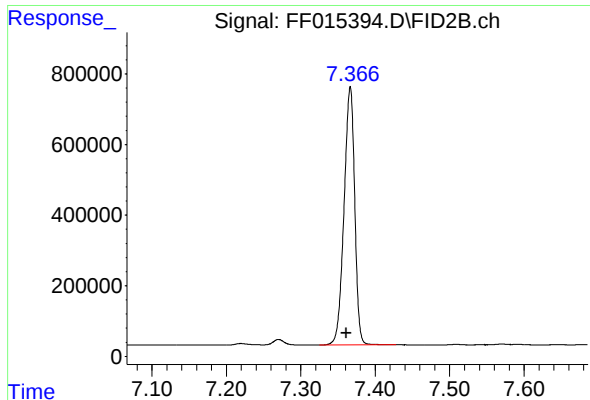
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.005 min
Response: 7892979
Conc: 54.27 ug/ml



#4 n-Dodecane (C12)

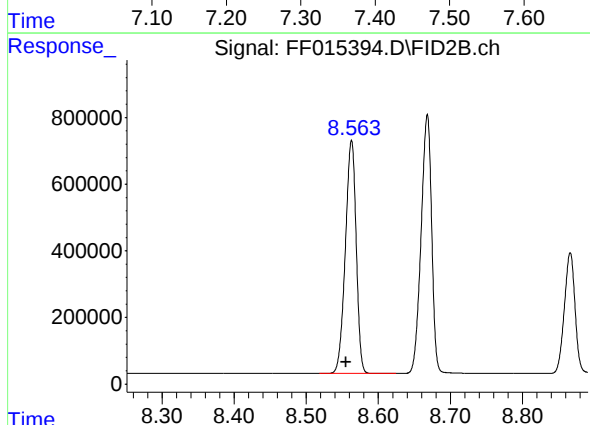
R.T.: 6.735 min
Delta R.T.: 0.005 min
Response: 7128848
Conc: 52.87 ug/ml



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

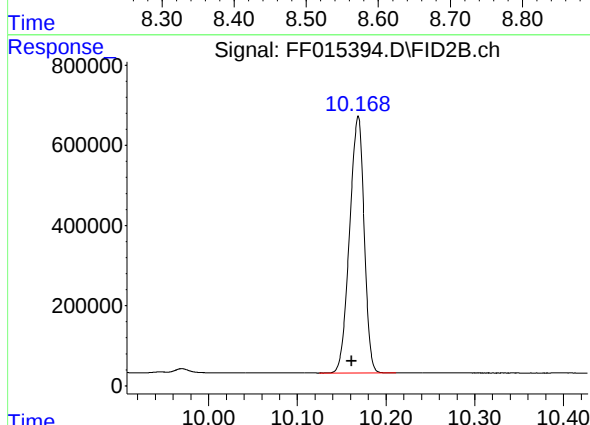
R.T.: 7.366 min
Delta R.T.: 0.005 min
Response: 7285764
Conc: 51.78 ug/ml

Instrument :
FID_F
ClientSampleId :
PB166362BSD



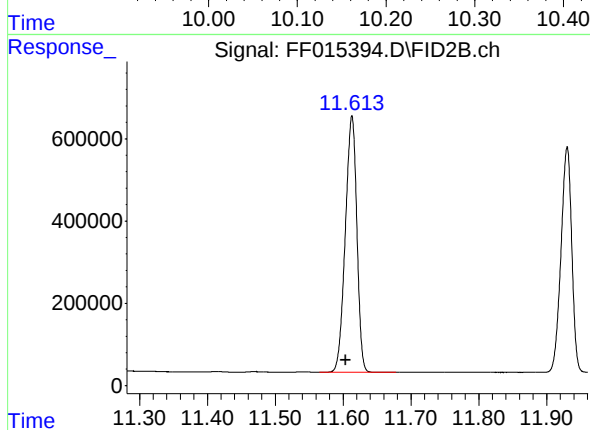
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.007 min
Response: 7293118
Conc: 53.98 ug/ml



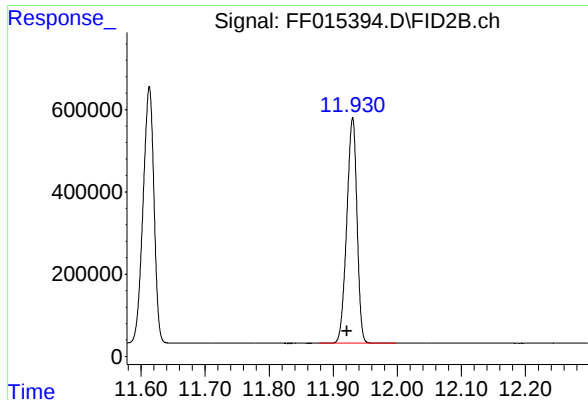
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.007 min
Response: 7315781
Conc: 51.63 ug/ml



#8 n-Octadecane (C18)

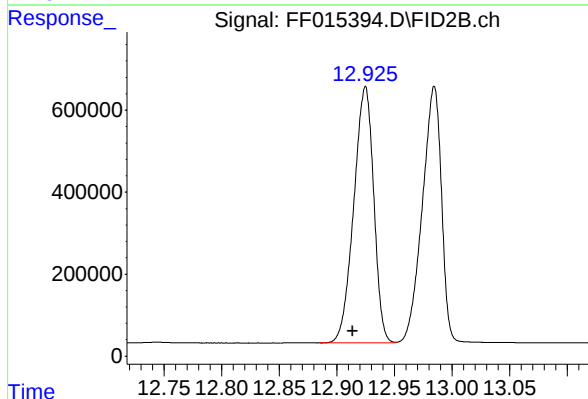
R.T.: 11.613 min
Delta R.T.: 0.009 min
Response: 7360393
Conc: 50.26 ug/ml



#9 ortho-Terphenyl (SURR)

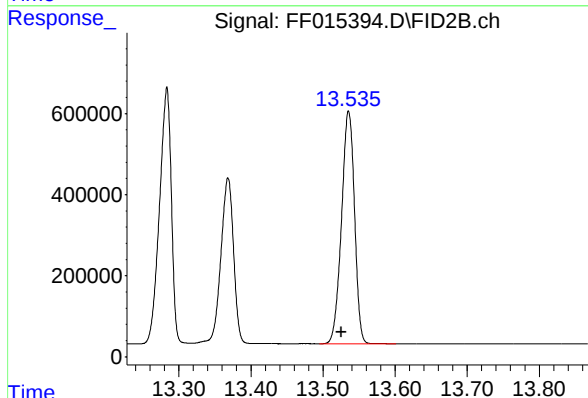
R.T.: 11.930 min
Delta R.T.: 0.008 min
Response: 6041684
Conc: 38.00 ug/ml

Instrument :
FID_F
ClientSampleId :
PB166362BSD



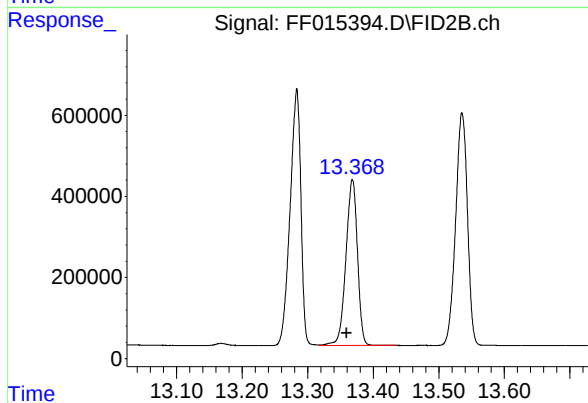
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.011 min
Response: 7532114
Conc: 52.24 ug/ml



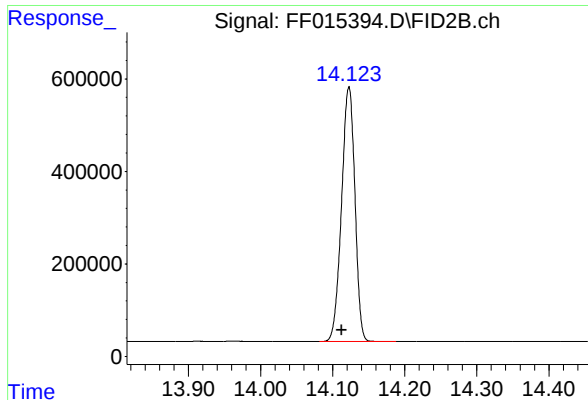
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.010 min
Response: 7189835
Conc: 50.37 ug/ml



#12 1-chlorooctadecane (SURR)

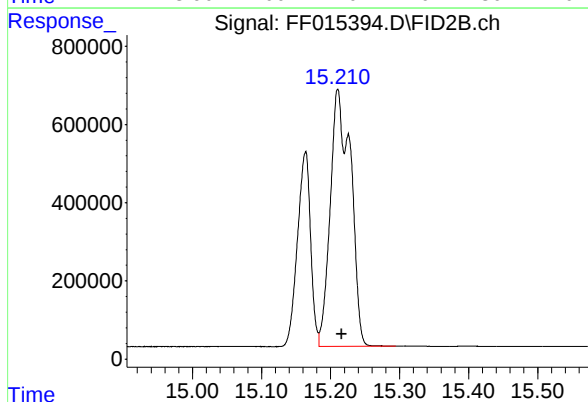
R.T.: 13.368 min
Delta R.T.: 0.009 min
Response: 5012045
Conc: 40.20 ug/ml



#13 n-Docosane (C22)

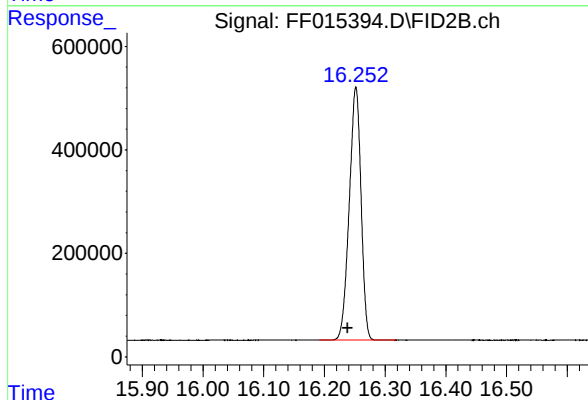
R.T.: 14.123 min
Delta R.T.: 0.010 min
Response: 7105598
Conc: 49.57 ug/ml

Instrument :
FID_F
ClientSampleId :
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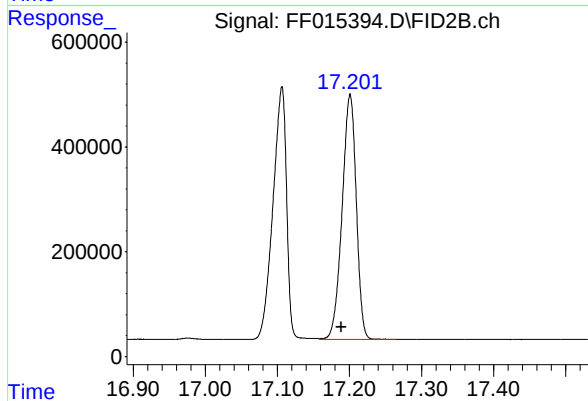
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.005 min
Response: 13538265
Conc: 93.33 ug/ml



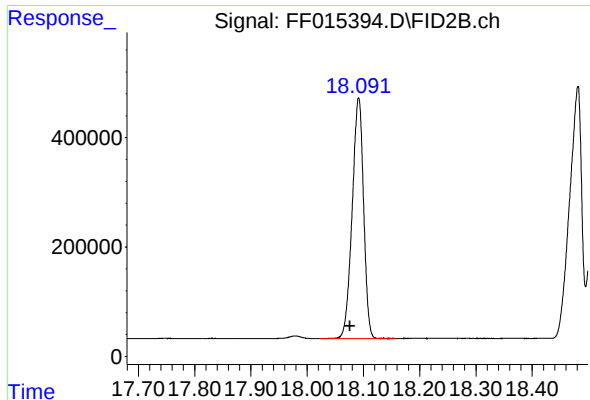
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: 0.013 min
Response: 6594014
Conc: 46.40 ug/ml



#16 n-Octacosane (C28)

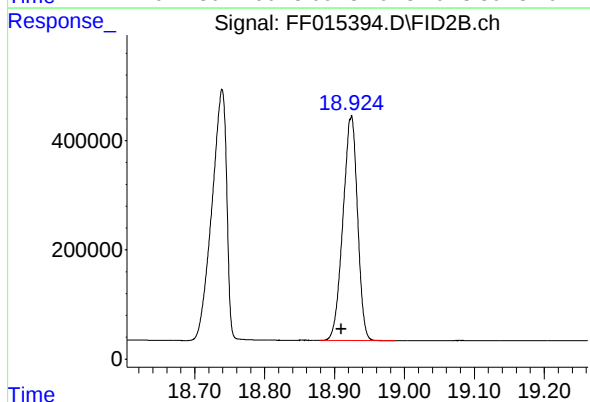
R.T.: 17.201 min
Delta R.T.: 0.012 min
Response: 6387138
Conc: 45.90 ug/ml



#17 n-Tricontane (C30)

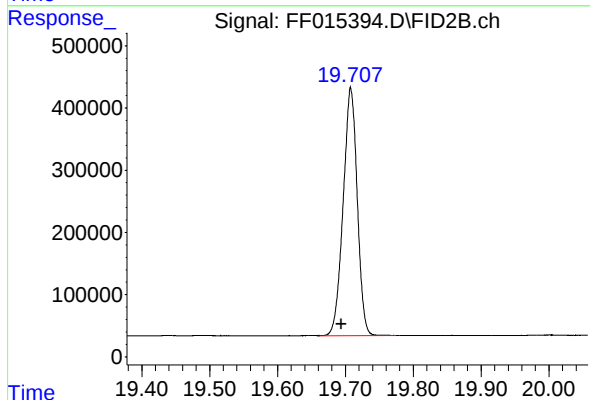
R.T.: 18.091 min
Delta R.T.: 0.015 min
Response: 6196033
Conc: 44.49 ug/ml

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FID_F
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PB166362BSD



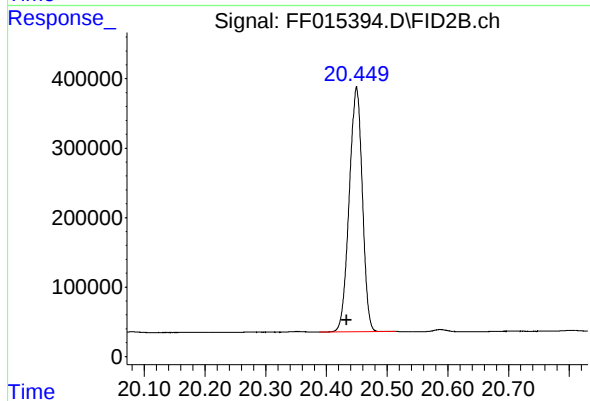
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.014 min
Response: 5958297
Conc: 45.68 ug/ml



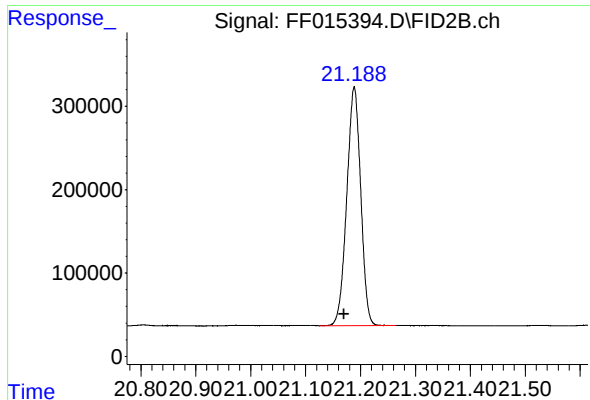
#19 n-Tetatriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.014 min
Response: 5745075
Conc: 52.85 ug/ml



#20 n-Hexatriacontane (C36)

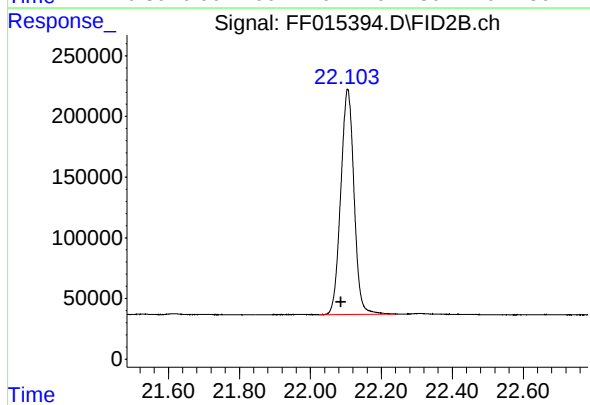
R.T.: 20.450 min
Delta R.T.: 0.016 min
Response: 5289331
Conc: 60.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.018 min
Response: 5045787
Conc: 61.23 ug/ml

Instrument :
FID_F
ClientSampleId :
PB166362BSD



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.019 min
Response: 4823128
Conc: 60.79 ug/ml