

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
 Data File : FE051500.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2024 13:53
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 02 14:17:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:17:35 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)	11.831	796441	5.270 ug/ml
Spiked Amount 50.000		Recovery =	10.54%
12) S 1-chlorooctadecane (S...	13.264	565442	5.060 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
Target Compounds			
1) T n-Nonane (C9)	3.224	729740	5.207 ug/ml
2) T n-Decane (C10)	4.471	732937	5.168 ug/ml
3) T A~Naphthalene (C11.7)	6.193	615637	4.657 ug/ml
4) T n-Dodecane (C12)	6.637	734317	5.159 ug/ml
5) T A~2-methylnaphthalene...	7.292	511141	4.261 ug/ml
6) T n-Tetradecane (C14)	8.463	717940	5.150 ug/ml
7) T n-Hexadecane (C16)	10.069	729200	5.132 ug/ml
8) T n-Octadecane (C18)	11.509	744066	5.178 ug/ml
10) T n-Eicosane (C20)	12.817	724415	5.248 ug/ml
11) T n-Heneicosane (C21)	13.428	712123	5.254 ug/ml
13) T n-Docosane (C22)	14.013	702407	5.246 ug/ml
14) T n-Tetracosane (C24)	15.115	692576	5.241 ug/ml
15) T n-Hexacosane (C26)	16.133	680138	5.245 ug/ml
16) T n-Octacosane (C28)	17.082	672364	5.274 ug/ml
17) T n-Tricontane (C30)	17.968	688818	5.320 ug/ml
18) T n-Dotriacontane (C32)	18.799	675411	5.395 ug/ml
19) T n-Tetratriacontane (C34)	19.582	593684	5.257 ug/ml
20) T n-Hexatriacontane (C36)	20.323	487578	5.063 ug/ml
21) T n-Octatriacontane (C38)	21.044	455079	4.998 ug/ml
22) T n-Tetracontane (C40)	21.919	455687	5.200 ug/ml

(f)=RT Delta > 1/2 Window

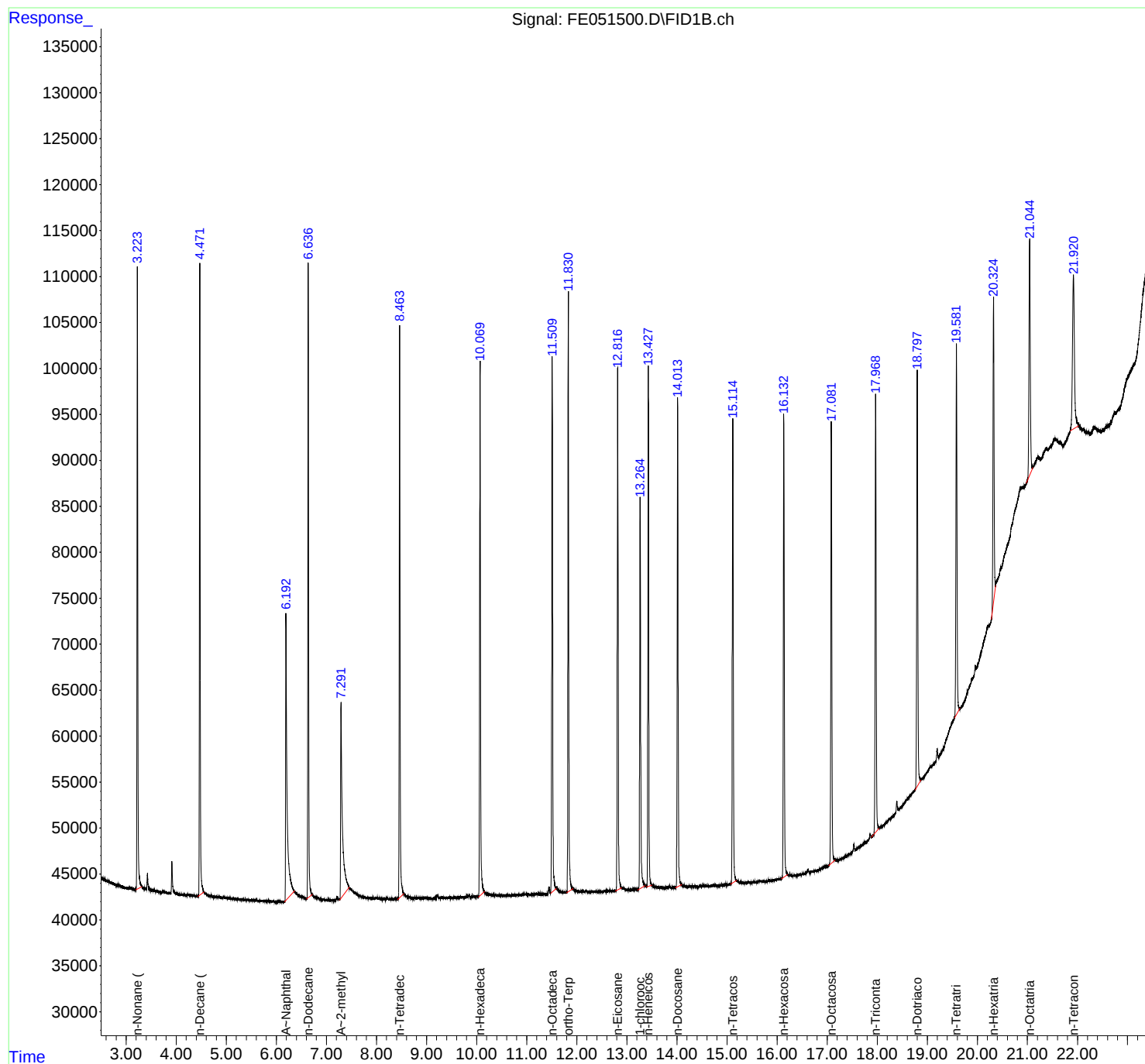
(m)=manual int.

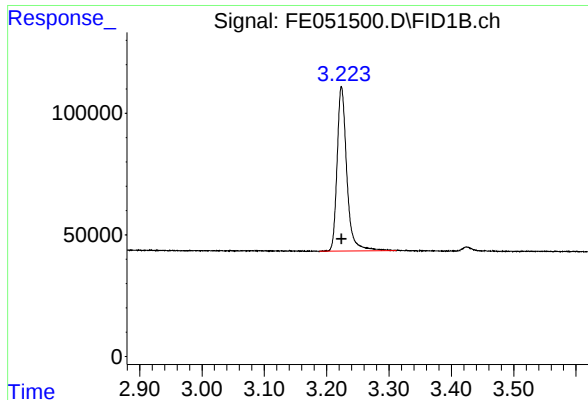
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
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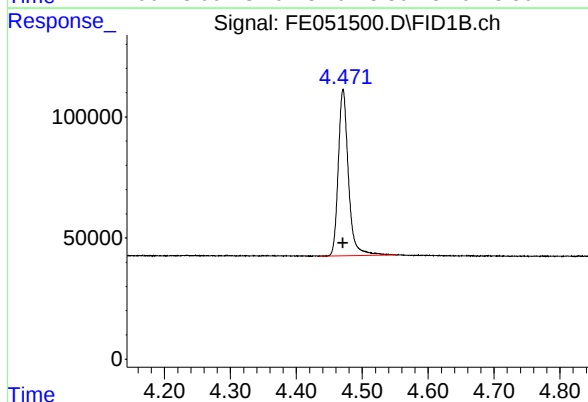




#1 n-Nonane (C9)

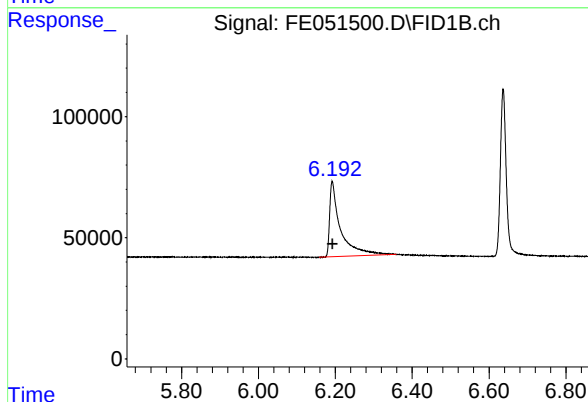
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 729740
Conc: 5.21 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



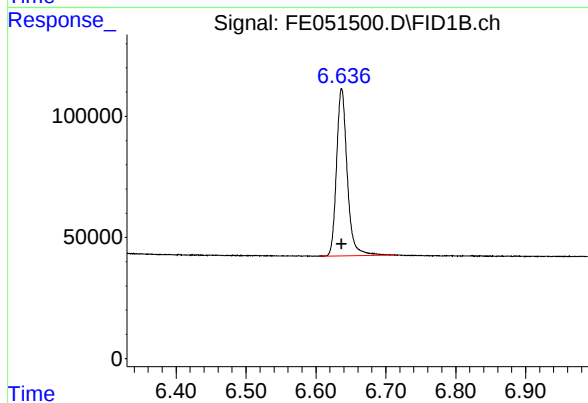
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 732937
Conc: 5.17 ug/ml



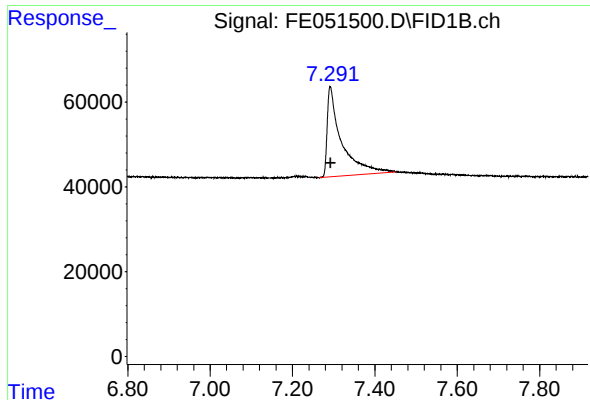
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 615637
Conc: 4.66 ug/ml



#4 n-Dodecane (C12)

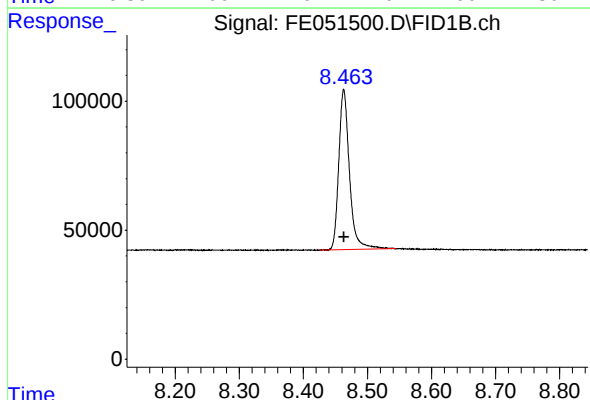
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 734317
Conc: 5.16 ug/ml



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

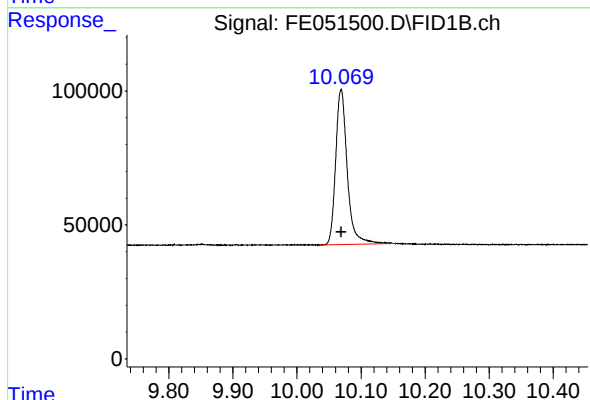
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 511141
Conc: 4.26 ug/ml

Instrument : FID_E
ClientSampleId : 5 PPM ALIPHATIC HC STD5



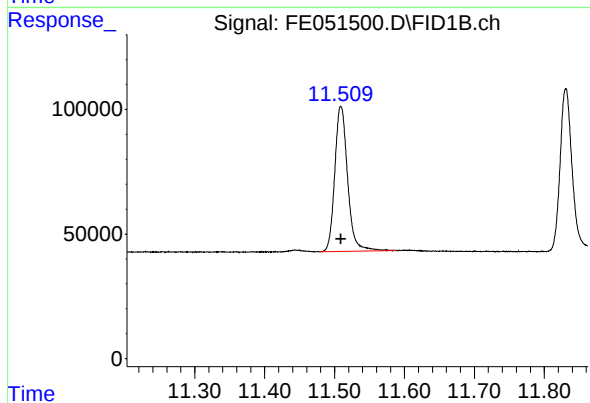
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 717940
Conc: 5.15 ug/ml



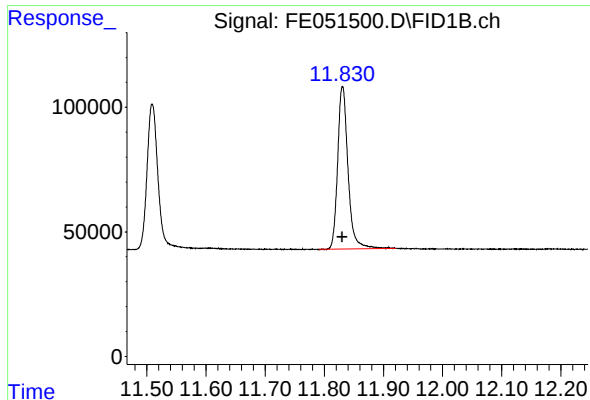
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: 0.000 min
Response: 729200
Conc: 5.13 ug/ml



#8 n-Octadecane (C18)

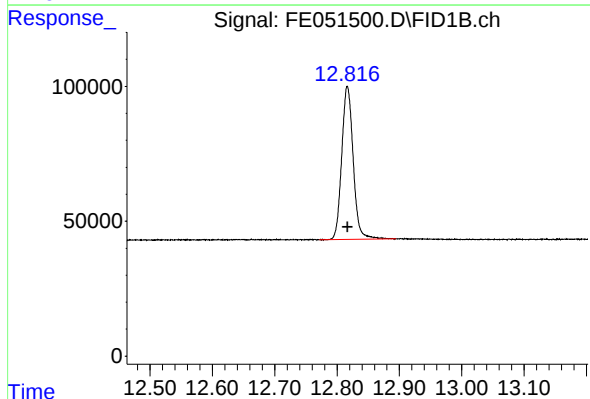
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 744066
Conc: 5.18 ug/ml



#9 ortho-Terphenyl (SURR)

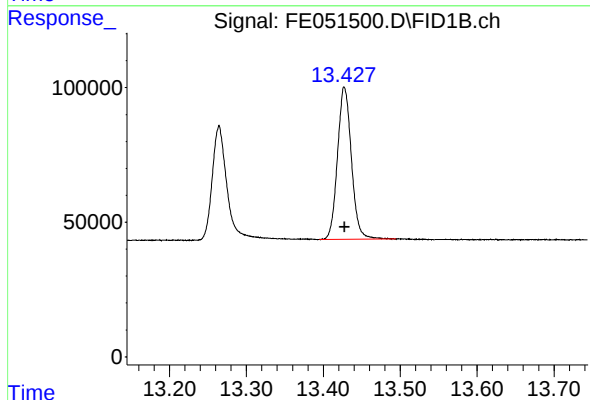
R.T.: 11.831 min
Delta R.T.: 0.000 min
Response: 796441
Conc: 5.27 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



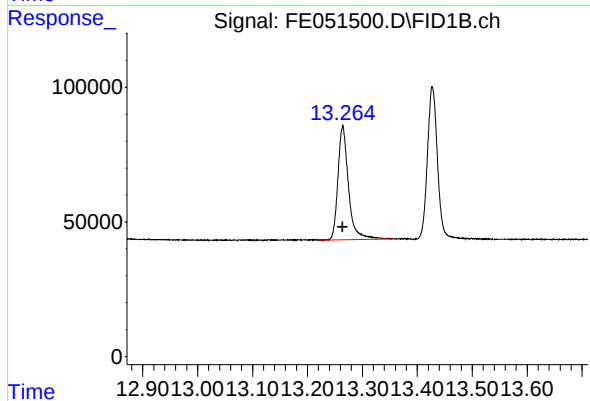
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 724415
Conc: 5.25 ug/ml



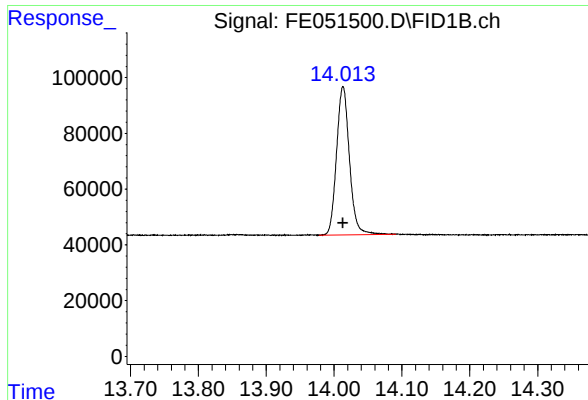
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 712123
Conc: 5.25 ug/ml



#12 1-chlorooctadecane (SURR)

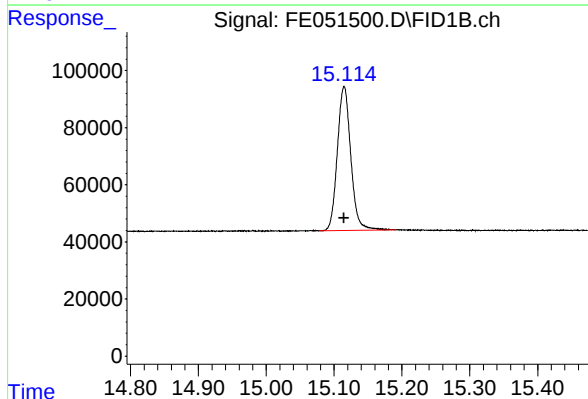
R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 565442
Conc: 5.06 ug/ml



#13 n-Docosane (C22)

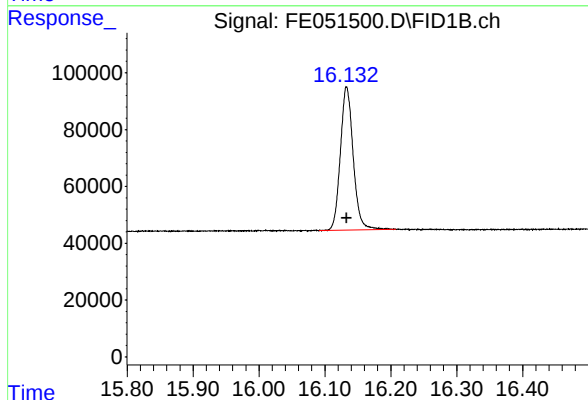
R.T.: 14.013 min
Delta R.T.: 0.000 min
Response: 702407
Conc: 5.25 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



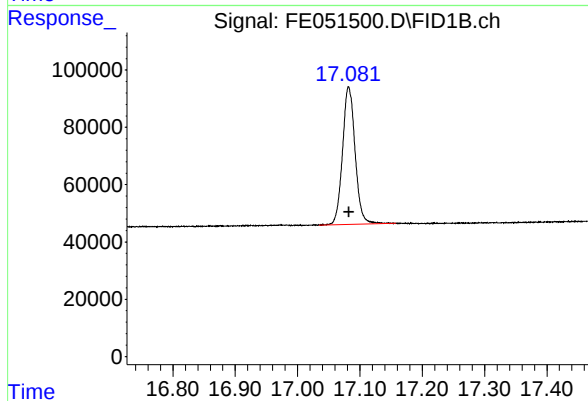
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 692576
Conc: 5.24 ug/ml



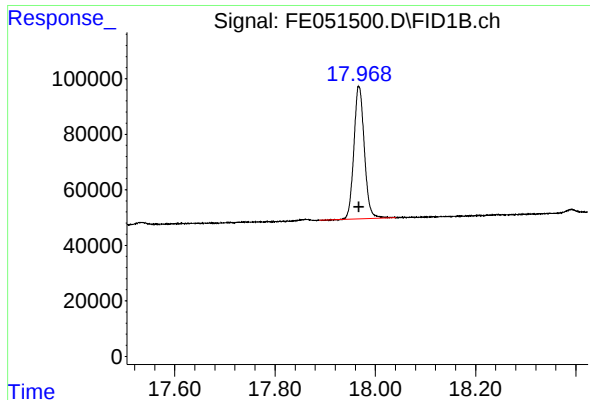
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: 0.000 min
Response: 680138
Conc: 5.24 ug/ml



#16 n-Octacosane (C28)

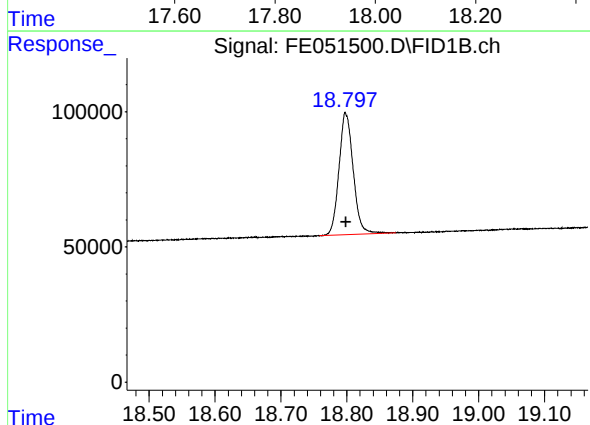
R.T.: 17.082 min
Delta R.T.: 0.000 min
Response: 672364
Conc: 5.27 ug/ml



#17 n-Tricontane (C30)

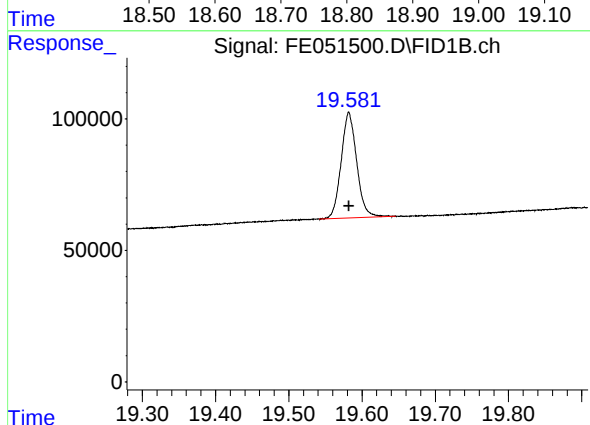
R.T.: 17.968 min
Delta R.T.: 0.000 min
Response: 688818
Conc: 5.32 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



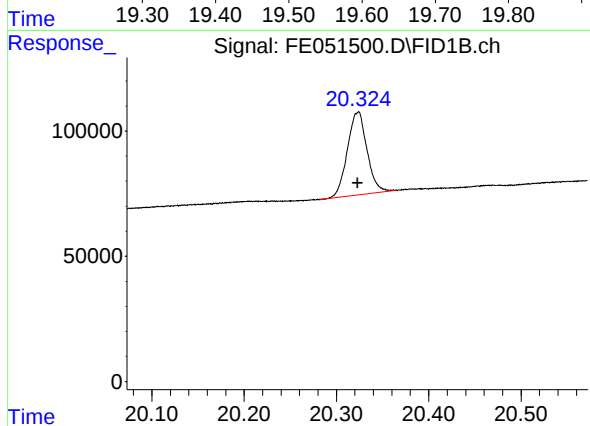
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: 0.000 min
Response: 675411
Conc: 5.40 ug/ml



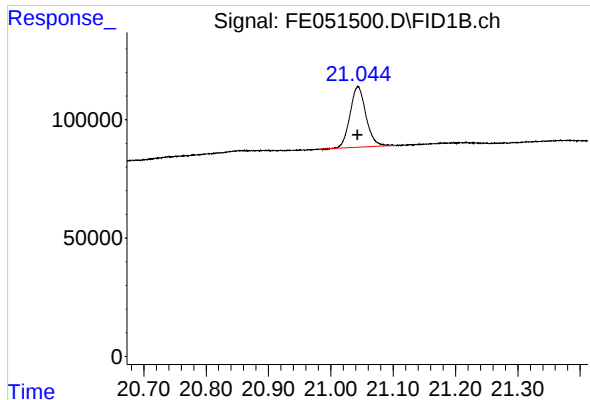
#19 n-Tetatriacontane (C34)

R.T.: 19.582 min
Delta R.T.: 0.000 min
Response: 593684
Conc: 5.26 ug/ml



#20 n-Hexatriacontane (C36)

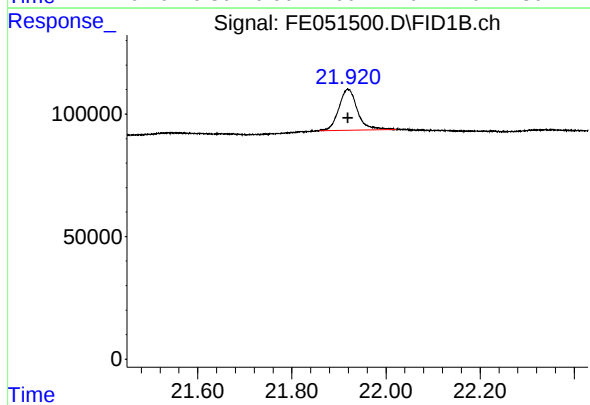
R.T.: 20.323 min
Delta R.T.: 0.000 min
Response: 487578
Conc: 5.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.044 min
Delta R.T.: 0.000 min
Response: 455079
Conc: 5.00 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: 0.000 min
Response: 455687
Conc: 5.20 ug/ml