

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100424AL\
 Data File : FE050520.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2024 18:51
 Operator : YP\AJ
 Sample : P4288-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-03-100324MSD

Integration File: autoint1.e
 Quant Time: Oct 05 00:27:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.864	4594045	30.878 ug/ml
Spiked Amount 50.000		Recovery =	61.76%
12) S 1-chlorooctadecane (S...	13.297	4122946	36.705 ug/ml
Spiked Amount 50.000		Recovery =	73.41%
Target Compounds			
1) T n-Nonane (C9)	3.252	3453800	25.481 ug/ml
2) T n-Decane (C10)	4.503	3916937	28.381 ug/ml
3) T A~Naphthalene (C11.7)	6.213	4571748	32.663 ug/ml
4) T n-Dodecane (C12)	6.670	4587742	33.176 ug/ml
5) T A~2-methylnaphthalene...	7.308	4582893	34.867 ug/ml
6) T n-Tetradecane (C14)	8.499	5128819	37.664 ug/ml
7) T n-Hexadecane (C16)	10.104	5787285	41.664 ug/ml
8) T n-Octadecane (C18)	11.546	5955837	42.511 ug/ml
10) T n-Eicosane (C20)	12.854	5831170	43.469 ug/ml
11) T n-Heneicosane (C21)	13.464	5464380	41.587 ug/ml
13) T n-Docosane (C22)	14.049	5327639	40.913 ug/ml
14) T n-Tetracosane (C24)	15.149	9743834	74.614 ug/ml
15) T n-Hexacosane (C26)	16.172	4829080	37.745 ug/ml
16) T n-Octacosane (C28)	17.120	5817547	45.164 ug/ml
17) T n-Tricontane (C30)	18.008	5303963	39.664 ug/ml
18) T n-Dotriacontane (C32)	18.839	5280658	39.628 ug/ml
19) T n-Tetratriacontane (C34)	19.623	5585840	45.207 ug/ml
20) T n-Hexatriacontane (C36)	20.363	5289752	47.677 ug/ml
21) T n-Octatriacontane (C38)	21.089	5525565	50.105 ug/ml
22) T n-Tetracontane (C40)	21.976	4878268	44.831 ug/ml

(f)=RT Delta > 1/2 Window

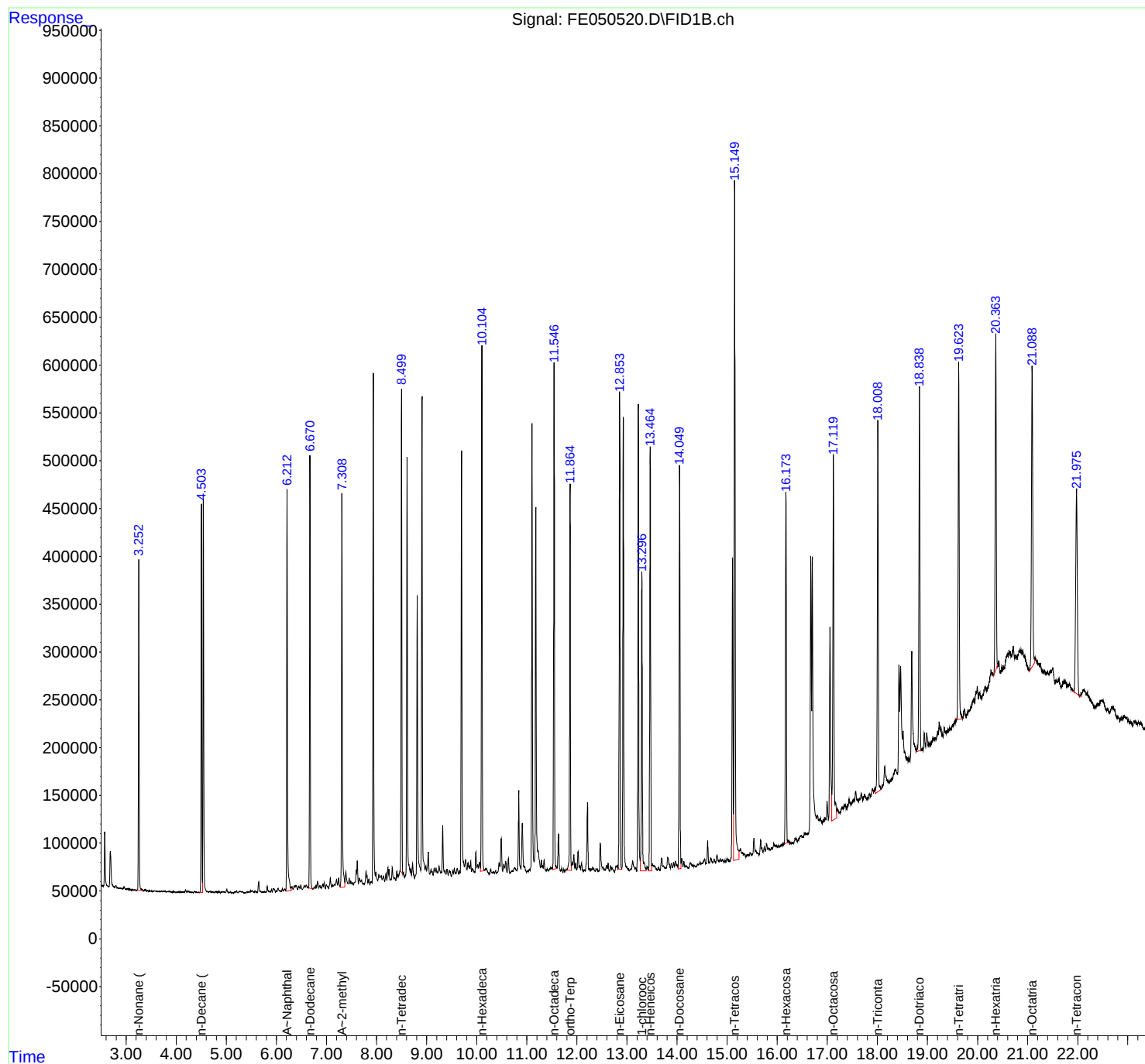
(m)=manual int.

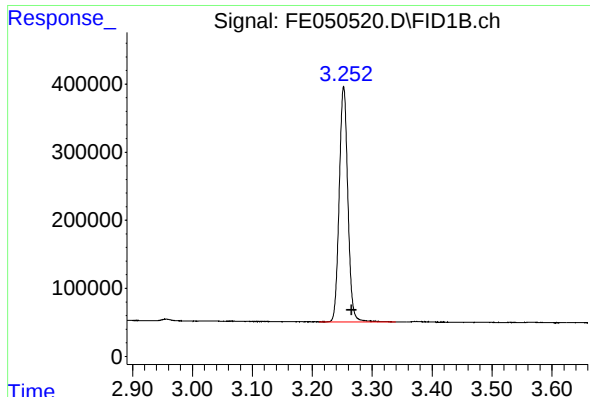
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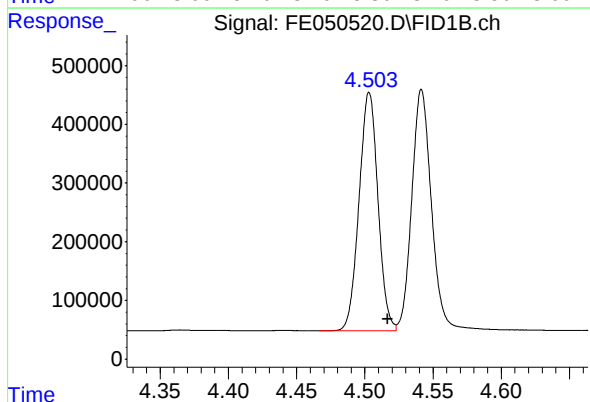




#1 n-Nonane (C9)

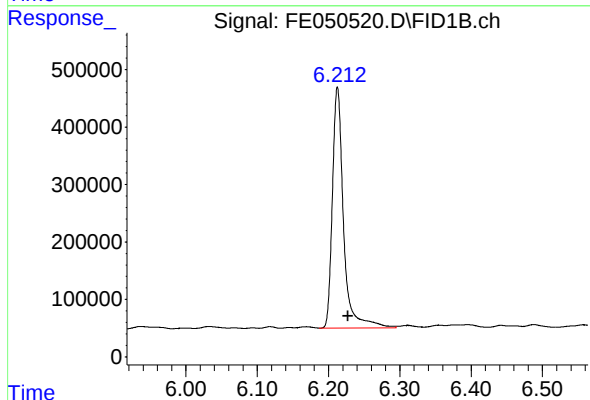
R.T.: 3.252 min
Delta R.T.: -0.014 min
Response: 3453800
Conc: 25.48 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-03-100324MSD



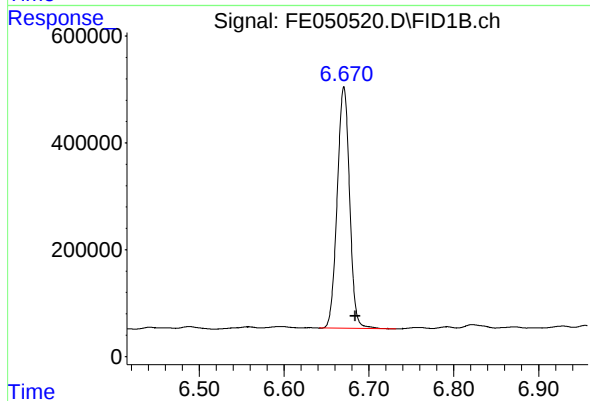
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.013 min
Response: 3916937
Conc: 28.38 ug/ml



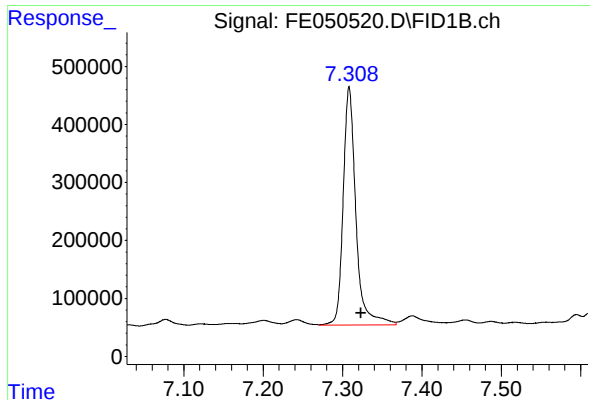
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.014 min
Response: 4571748
Conc: 32.66 ug/ml



#4 n-Dodecane (C12)

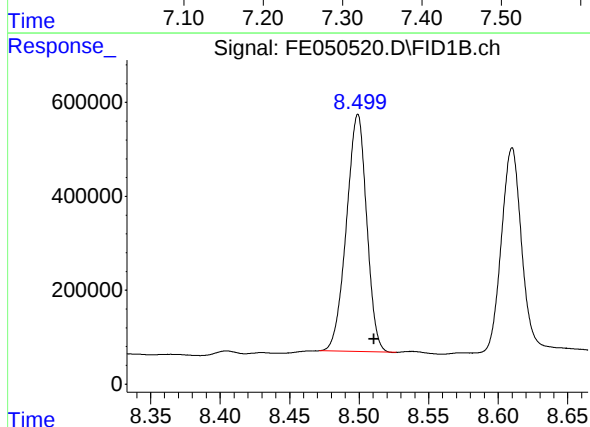
R.T.: 6.670 min
Delta R.T.: -0.013 min
Response: 4587742
Conc: 33.18 ug/ml



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

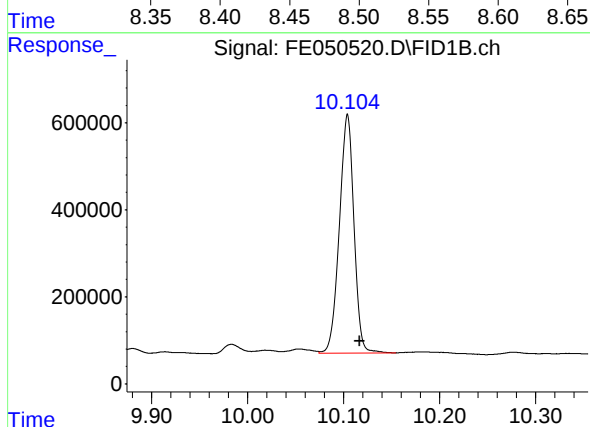
R.T.: 7.308 min
Delta R.T.: -0.015 min
Response: 4582893
Conc: 34.87 ug/ml

Instrument :
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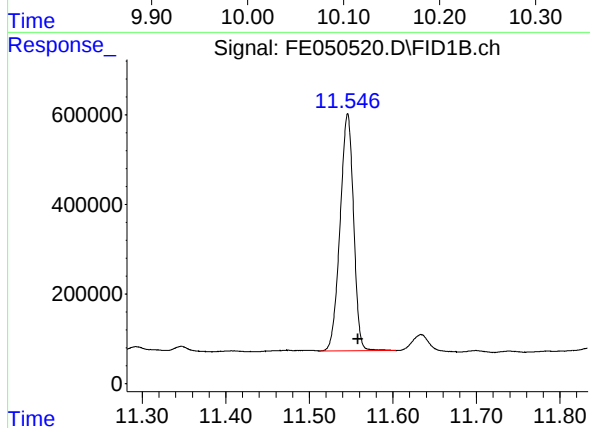
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: -0.012 min
Response: 5128819
Conc: 37.66 ug/ml



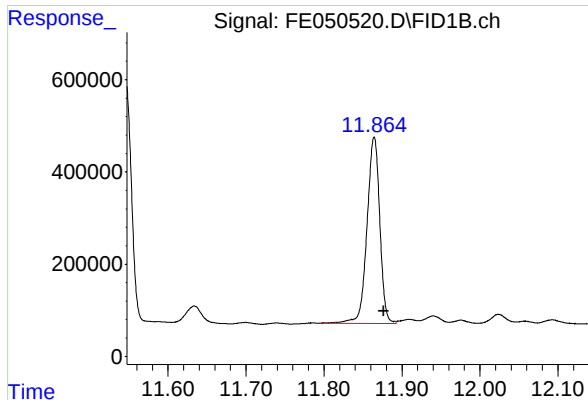
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: -0.013 min
Response: 5787285
Conc: 41.66 ug/ml



#8 n-Octadecane (C18)

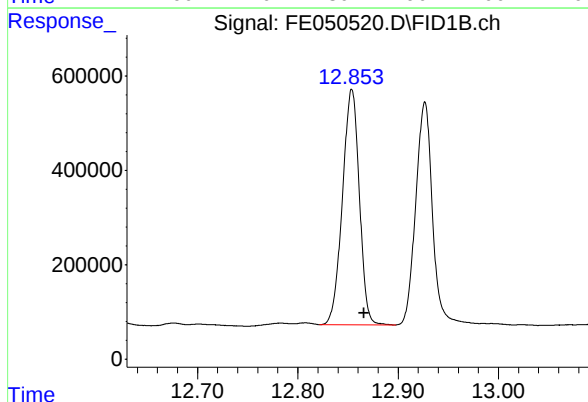
R.T.: 11.546 min
Delta R.T.: -0.013 min
Response: 5955837
Conc: 42.51 ug/ml



#9 ortho-Terphenyl (SURR)

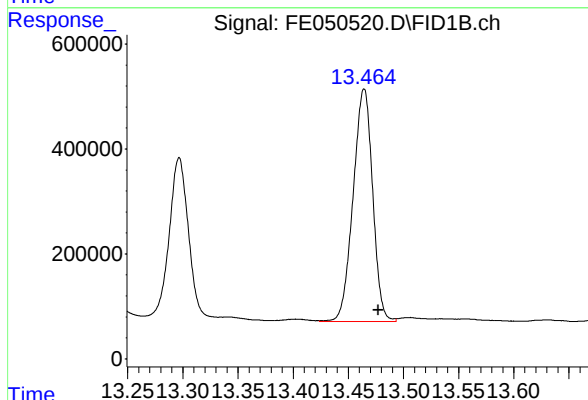
R.T.: 11.864 min
Delta R.T.: -0.012 min
Response: 4594045
Conc: 30.88 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-03-100324MSD



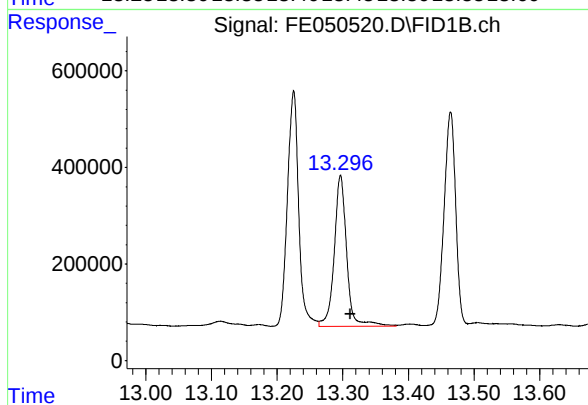
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: -0.012 min
Response: 5831170
Conc: 43.47 ug/ml



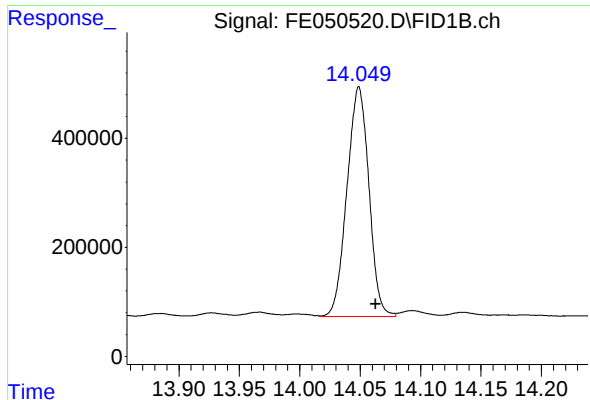
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: -0.013 min
Response: 5464380
Conc: 41.59 ug/ml



#12 1-chlorooctadecane (SURR)

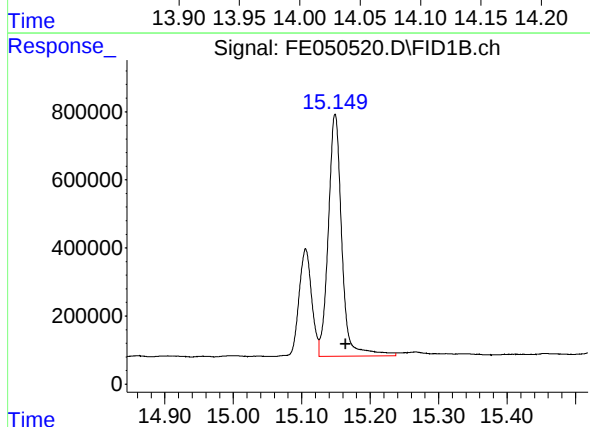
R.T.: 13.297 min
Delta R.T.: -0.015 min
Response: 4122946
Conc: 36.70 ug/ml



#13 n-Docosane (C22)

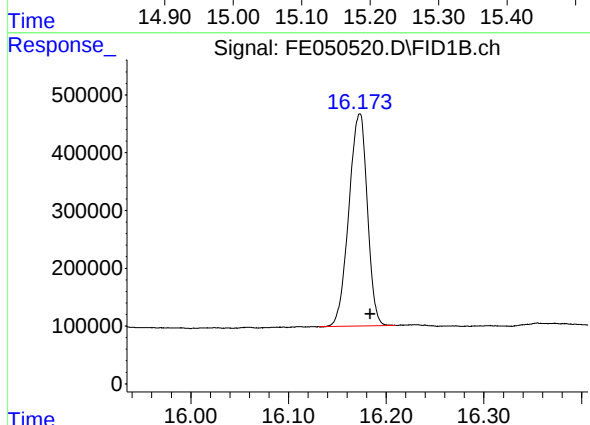
R.T.: 14.049 min
Delta R.T.: -0.014 min
Response: 5327639
Conc: 40.91 ug/ml

Instrument :
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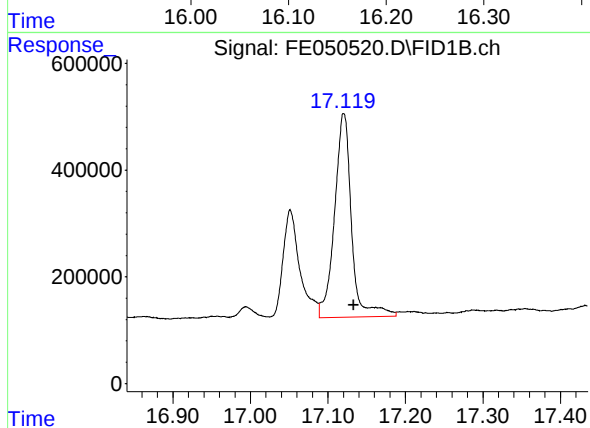
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 9743834
Conc: 74.61 ug/ml



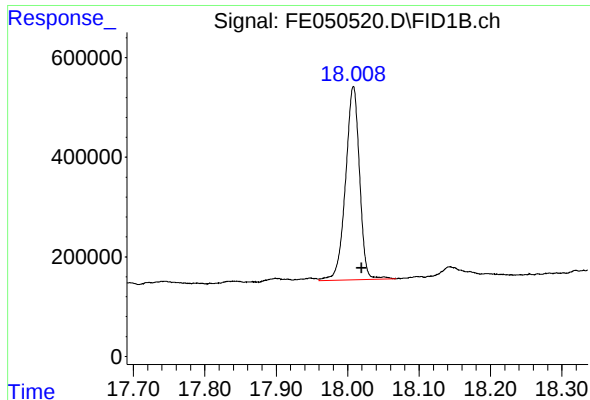
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.011 min
Response: 4829080
Conc: 37.75 ug/ml



#16 n-Octacosane (C28)

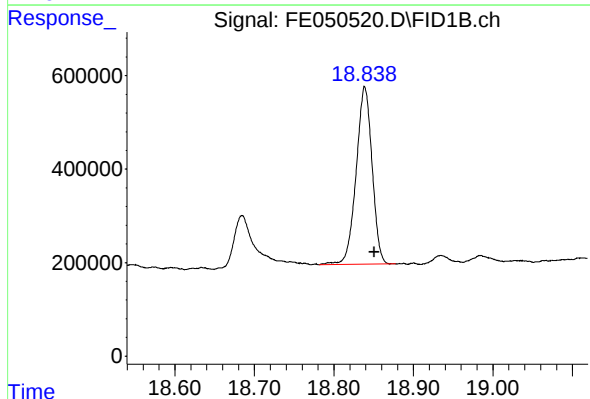
R.T.: 17.120 min
Delta R.T.: -0.013 min
Response: 5817547
Conc: 45.16 ug/ml



#17 n-Tricontane (C30)

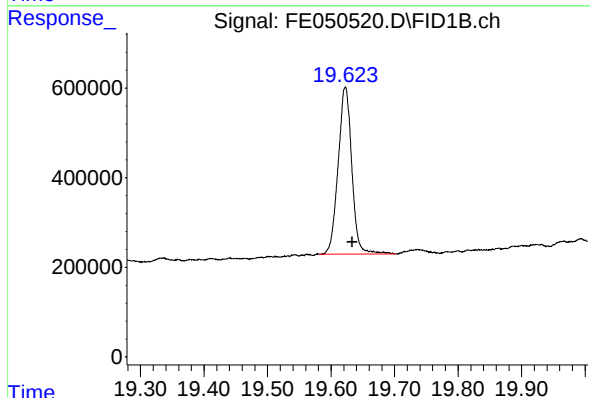
R.T.: 18.008 min
Delta R.T.: -0.012 min
Response: 5303963
Conc: 39.66 ug/ml

Instrument :
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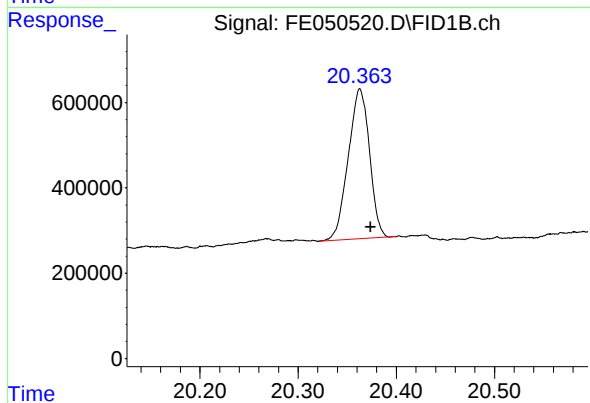
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.012 min
Response: 5280658
Conc: 39.63 ug/ml



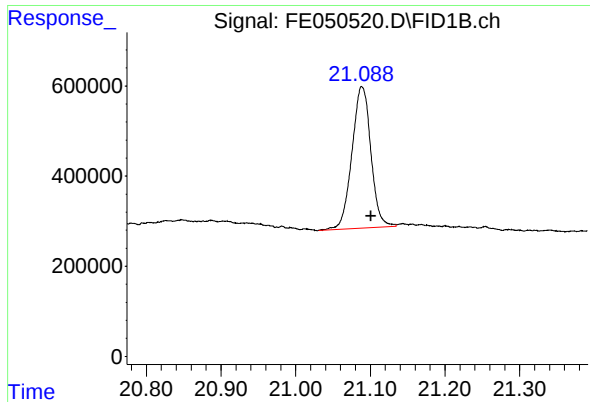
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.011 min
Response: 5585840
Conc: 45.21 ug/ml



#20 n-Hexatriacontane (C36)

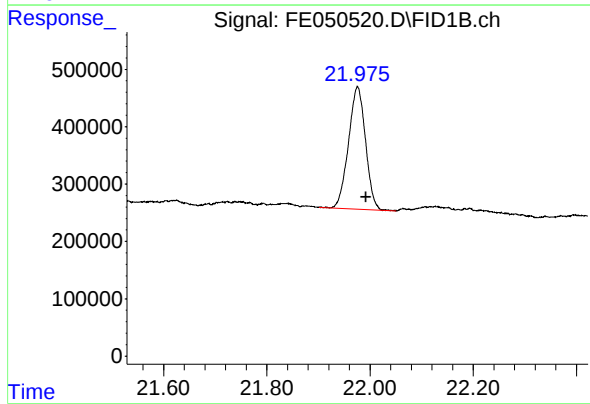
R.T.: 20.363 min
Delta R.T.: -0.011 min
Response: 5289752
Conc: 47.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.012 min
Response: 5525565
Conc: 50.11 ug/ml

Instrument :
FID_E
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HR-03-100324MSD



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.016 min
Response: 4878268
Conc: 44.83 ug/ml