

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102424AL\
 Data File : FE050815.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2024 15:15
 Operator : YP\AJ
 Sample : PB164367BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB164367BS

Integration File: autoint1.e
 Quant Time: Oct 25 02:01:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.861	6619473	41.987 ug/ml
Spiked Amount 50.000		Recovery =	83.97%
12) S 1-chlorooctadecane (S...	13.294	5591122	47.265 ug/ml
Spiked Amount 50.000		Recovery =	94.53%
Target Compounds			
1) T n-Nonane (C9)	3.253	5422653	38.379 ug/ml
2) T n-Decane (C10)	4.501	5826473	40.610 ug/ml
3) T A~Naphthalene (C11.7)	6.209	6745404	47.174 ug/ml
4) T n-Dodecane (C12)	6.666	6529916	45.368 ug/ml
5) T A~2-methylnaphthalene...	7.305	6808917	51.396 ug/ml
6) T n-Tetradecane (C14)	8.495	7714827	53.925 ug/ml
7) T n-Hexadecane (C16)	10.099	8082966	54.923 ug/ml
8) T n-Octadecane (C18)	11.541	8165504	54.666 ug/ml
10) T n-Eicosane (C20)	12.850	8158057	56.890 ug/ml
11) T n-Heneicosane (C21)	13.461	7880037	56.112 ug/ml
13) T n-Docosane (C22)	14.046	7792350	55.542 ug/ml
14) T n-Tetracosane (C24)	15.148	15618074	110.549 ug/ml
15) T n-Hexacosane (C26)	16.169	7733635	54.959 ug/ml
16) T n-Octacosane (C28)	17.116	9109205	62.251 ug/ml
17) T n-Tricontane (C30)	18.003	8077172	50.799 ug/ml
18) T n-Dotriacontane (C32)	18.835	8164797	50.365 ug/ml
19) T n-Tetratriacontane (C34)	19.618	8584348	58.440 ug/ml
20) T n-Hexatriacontane (C36)	20.358	8650791	68.216 ug/ml
21) T n-Octatriacontane (C38)	21.084	8823001	71.356 ug/ml
22) T n-Tetracontane (C40)	21.971	8175182	73.418 ug/ml

(f)=RT Delta > 1/2 Window

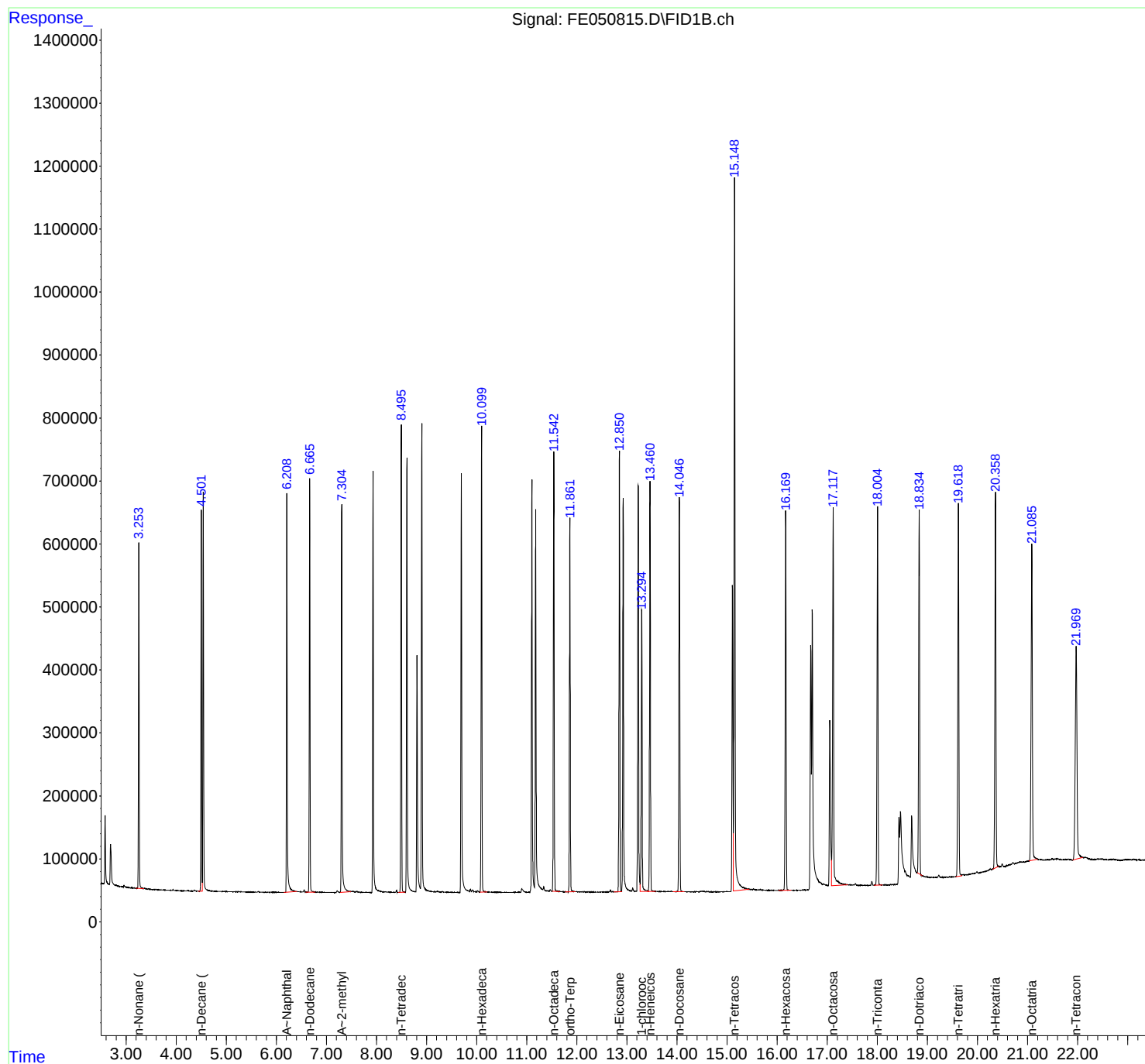
(m)=manual int.

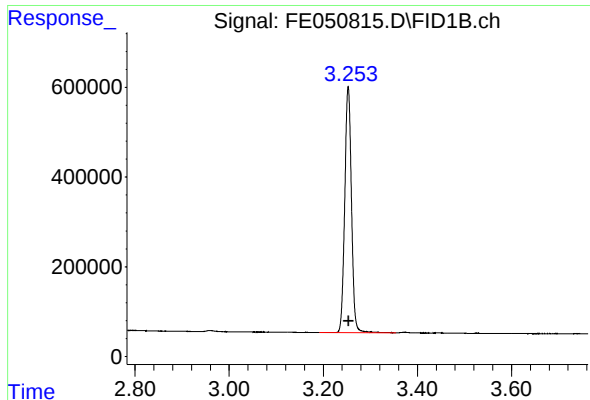
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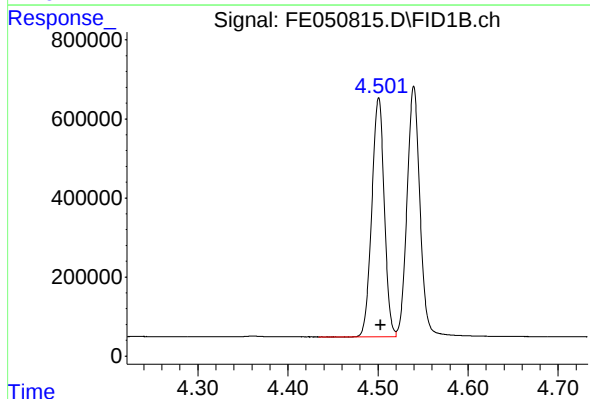




#1 n-Nonane (C9)

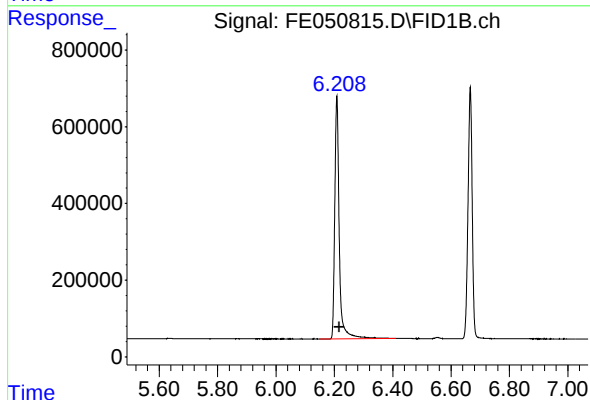
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 5422653
Conc: 38.38 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BS



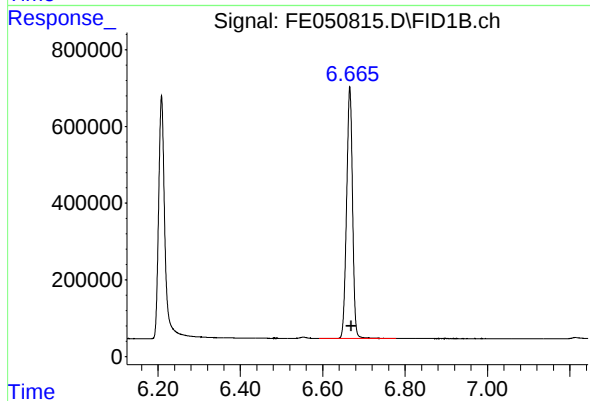
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 5826473
Conc: 40.61 ug/ml



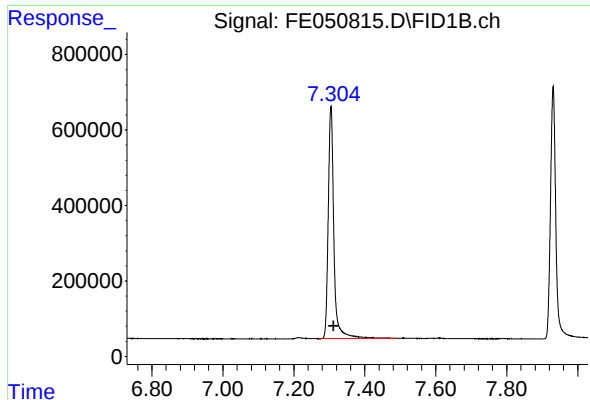
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 6745404
Conc: 47.17 ug/ml



#4 n-Dodecane (C12)

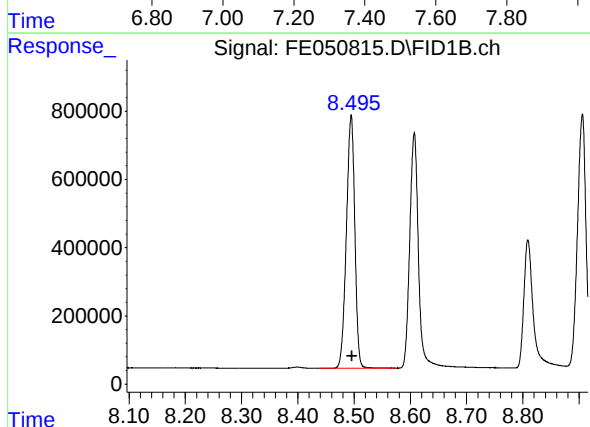
R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 6529916
Conc: 45.37 ug/ml



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

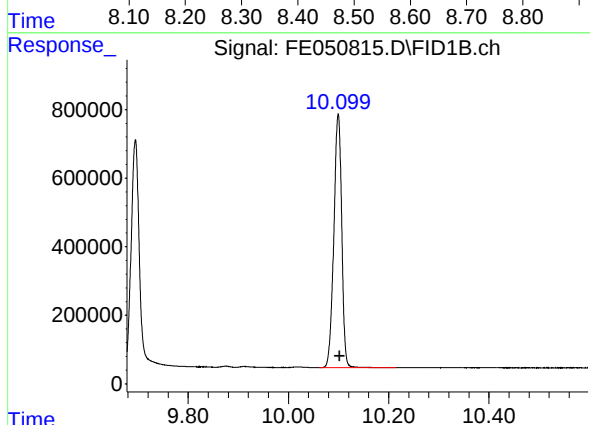
R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 6808917
Conc: 51.40 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BS



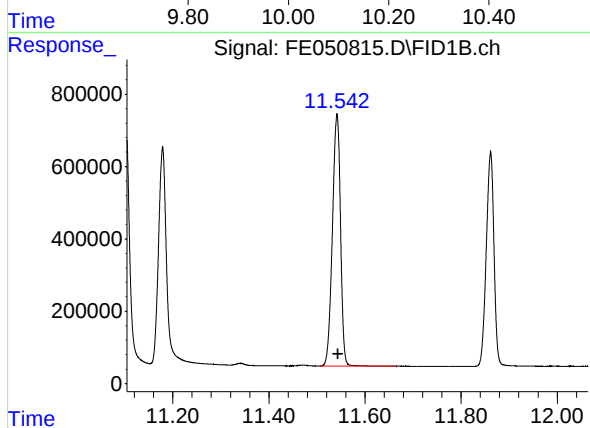
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 7714827
Conc: 53.92 ug/ml



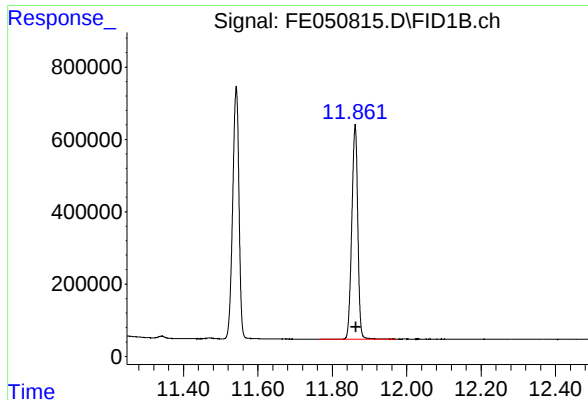
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 8082966
Conc: 54.92 ug/ml



#8 n-Octadecane (C18)

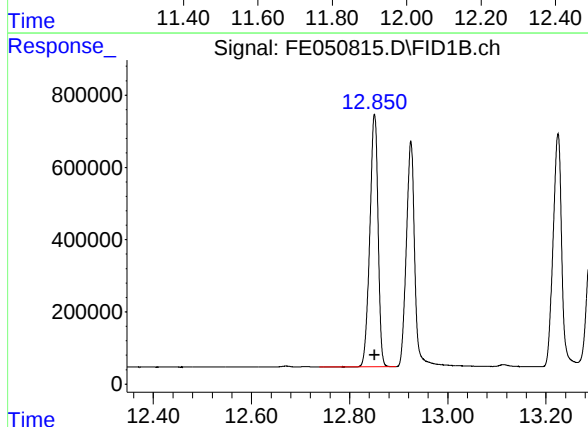
R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 8165504
Conc: 54.67 ug/ml



#9 ortho-Terphenyl (SURR)

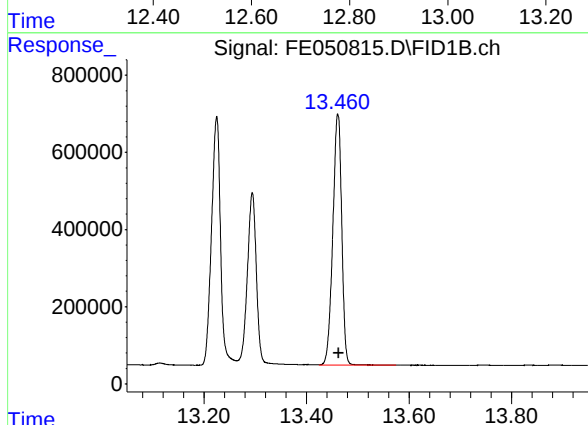
R.T.: 11.861 min
Delta R.T.: -0.002 min
Response: 6619473
Conc: 41.99 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BS



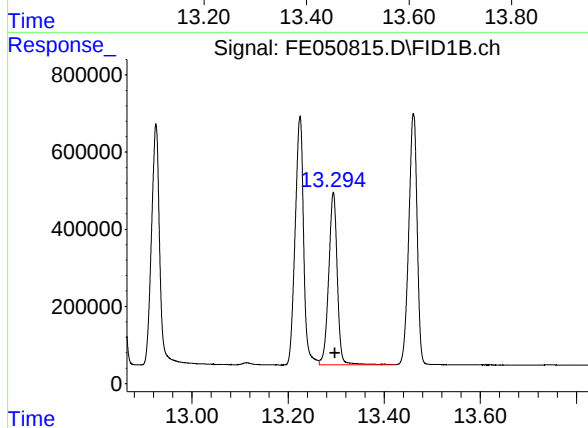
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.001 min
Response: 8158057
Conc: 56.89 ug/ml



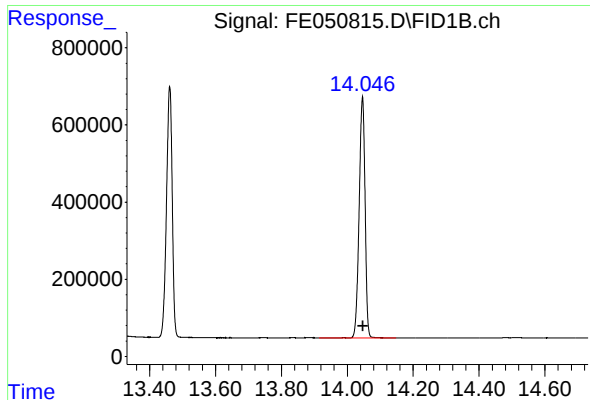
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.002 min
Response: 7880037
Conc: 56.11 ug/ml



#12 1-chlorooctadecane (SURR)

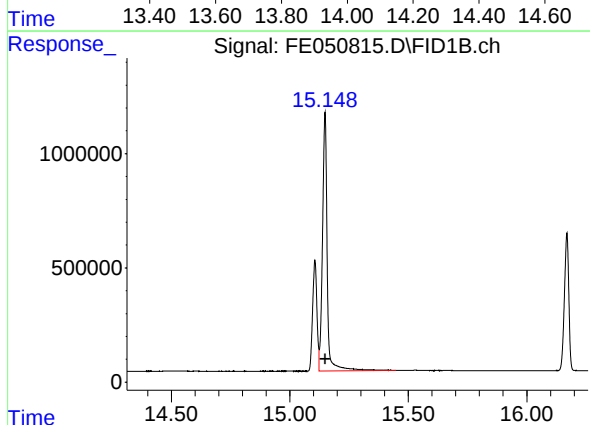
R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 5591122
Conc: 47.26 ug/ml



#13 n-Docosane (C22)

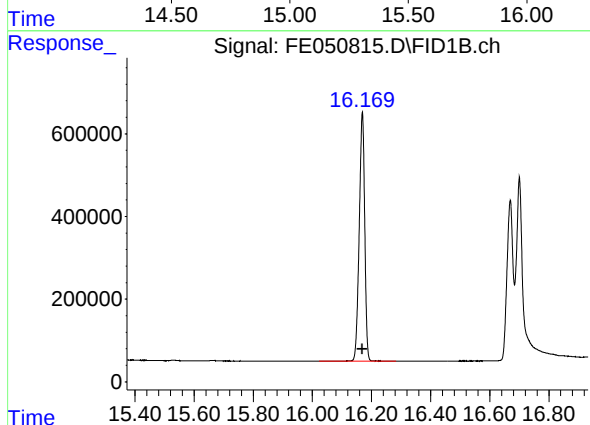
R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 7792350
Conc: 55.54 ug/ml

Instrument :
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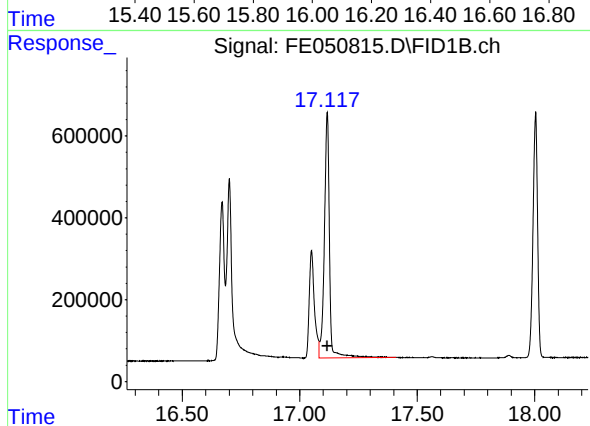
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 15618074
Conc: 110.55 ug/ml



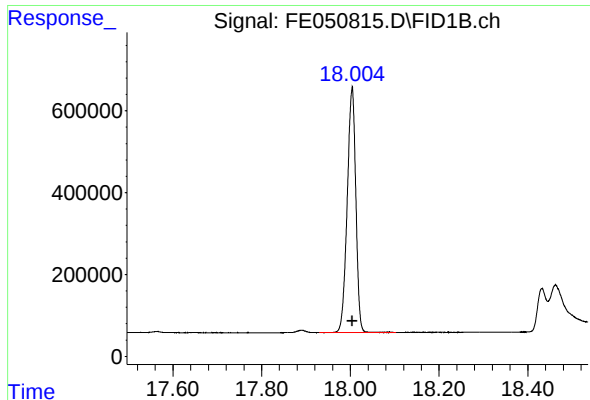
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 7733635
Conc: 54.96 ug/ml



#16 n-Octacosane (C28)

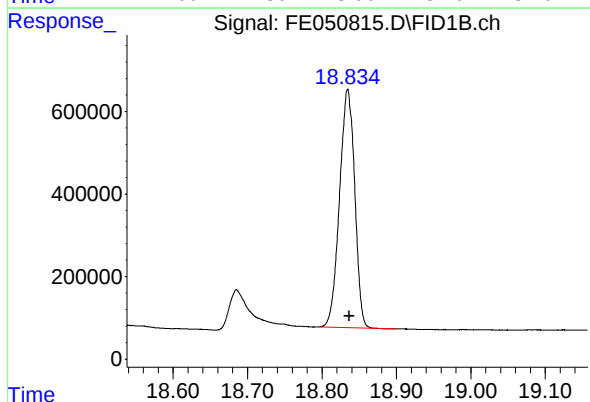
R.T.: 17.116 min
Delta R.T.: -0.001 min
Response: 9109205
Conc: 62.25 ug/ml



#17 n-Tricontane (C30)

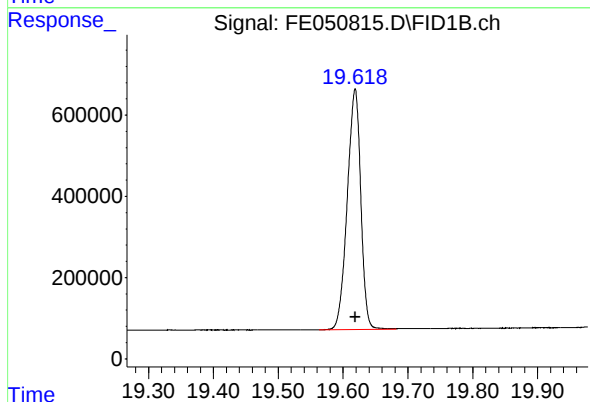
R.T.: 18.003 min
Delta R.T.: -0.001 min
Response: 8077172
Conc: 50.80 ug/ml

Instrument :
FID_E
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PB164367BS



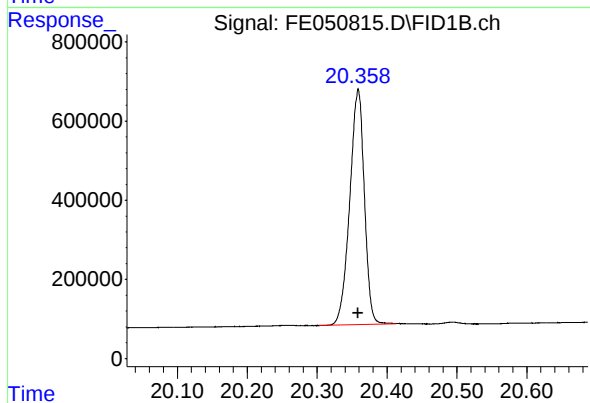
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 8164797
Conc: 50.36 ug/ml



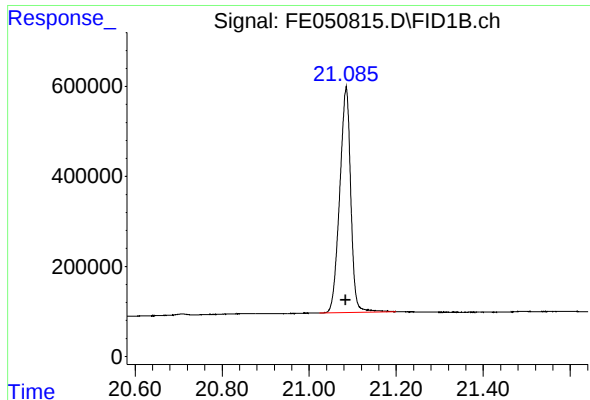
#19 n-Tetatriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.001 min
Response: 8584348
Conc: 58.44 ug/ml



#20 n-Hexatriacontane (C36)

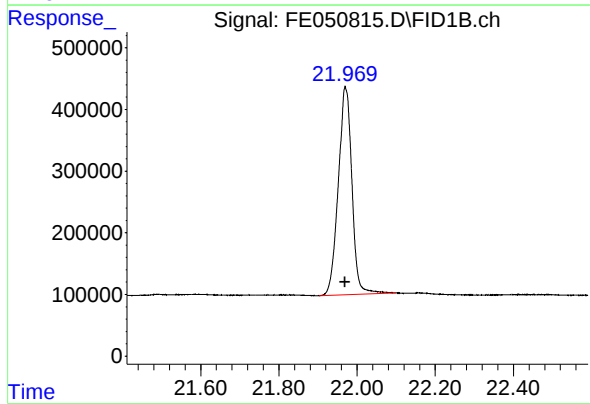
R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 8650791
Conc: 68.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 8823001
Conc: 71.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BS



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.002 min
Response: 8175182
Conc: 73.42 ug/ml