

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AL\
 Data File : FD049225.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2025 02:23
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 03 07:10:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:07:22 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)	11.660	1871662	10.491 ug/ml
Spiked Amount 50.000		Recovery =	20.98%
12) S 1-chlorooctadecane (S...	13.085	1346863	10.360 ug/ml
Spiked Amount 50.000		Recovery =	20.72%
Target Compounds			
1) T n-Nonane (C9)	3.430	1342393	10.873 ug/ml
2) T n-Decane (C10)	4.500	1356357	10.829 ug/ml
3) T A~Naphthalene (C11.7)	6.089	1570694	10.684 ug/ml
4) T n-Dodecane (C12)	6.515	1354972	10.709 ug/ml
5) T A~2-methylnaphthalene...	7.142	1516695	10.701 ug/ml
6) T n-Tetradecane (C14)	8.305	1394837	10.688 ug/ml
7) T n-Hexadecane (C16)	9.900	1509521	10.553 ug/ml
8) T n-Octadecane (C18)	11.337	1629694	10.506 ug/ml
10) T n-Eicosane (C20)	12.641	1618479	10.464 ug/ml
11) T n-Heneicosane (C21)	13.250	1607856	10.470 ug/ml
13) T n-Docosane (C22)	13.834	1608471	10.490 ug/ml
14) T n-Tetracosane (C24)	14.931	1585893	10.468 ug/ml
15) T n-Hexacosane (C26)	15.947	1511080	10.441 ug/ml
16) T n-Octacosane (C28)	16.891	1417804	10.458 ug/ml
17) T n-Tricontane (C30)	17.775	1352881	10.424 ug/ml
18) T n-Dotriacontane (C32)	18.603	1215238	10.383 ug/ml
19) T n-Tetratriacontane (C34)	19.383	1013841	10.220 ug/ml
20) T n-Hexatriacontane (C36)	20.119	780048	9.941 ug/ml
21) T n-Octatriacontane (C38)	20.857	599191	9.537 ug/ml
22) T n-Tetracontane (C40)	21.778	386160	8.467 ug/ml

(f)=RT Delta > 1/2 Window

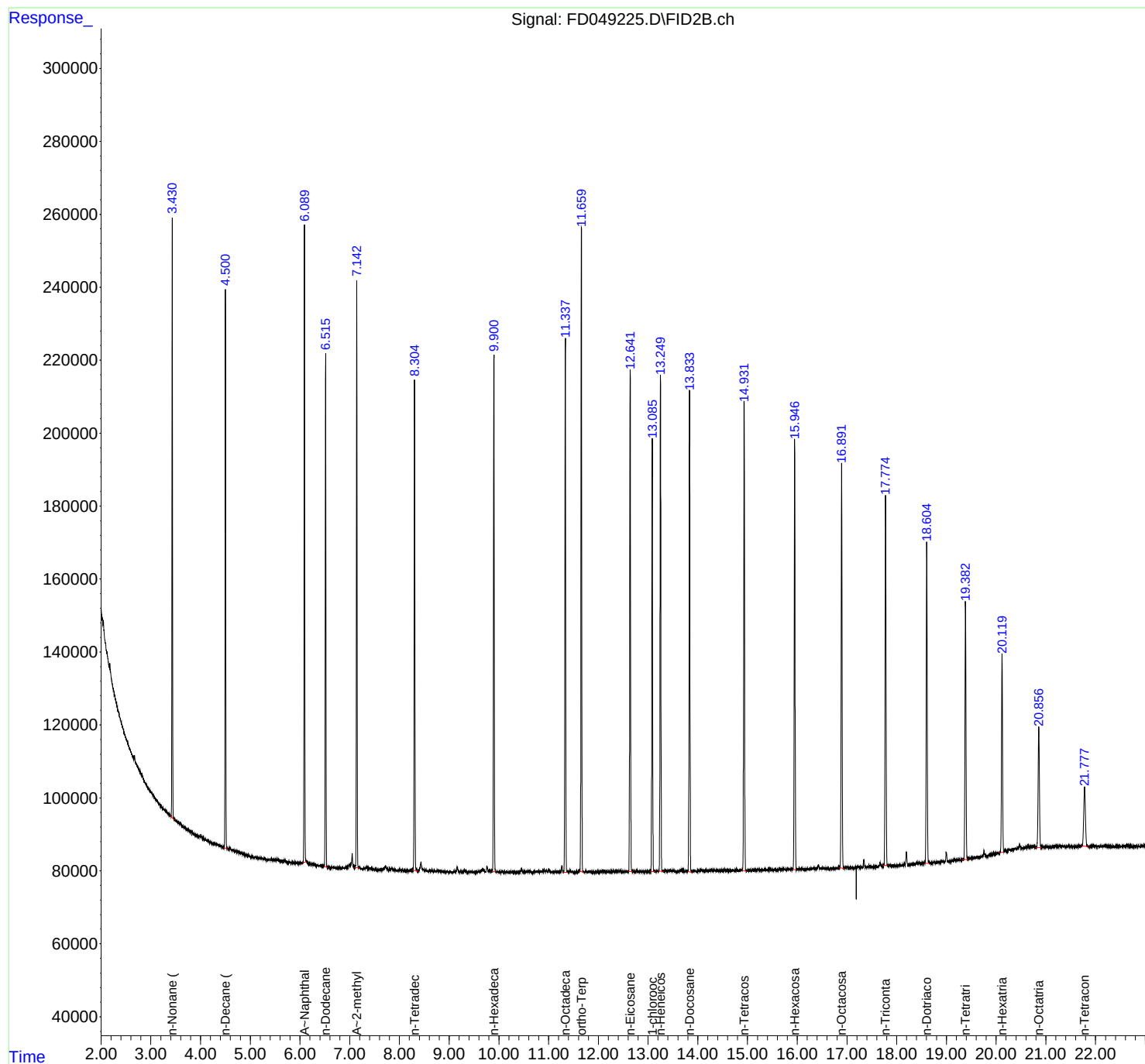
(m)=manual int.

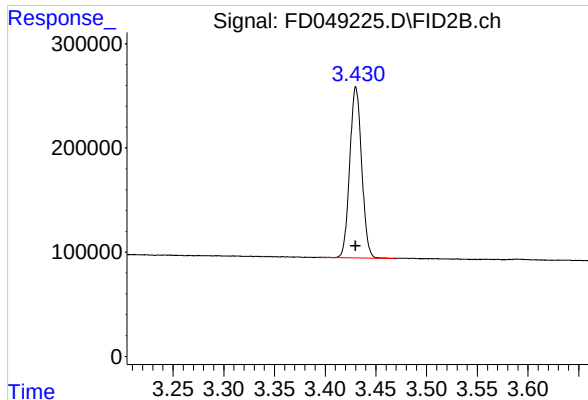
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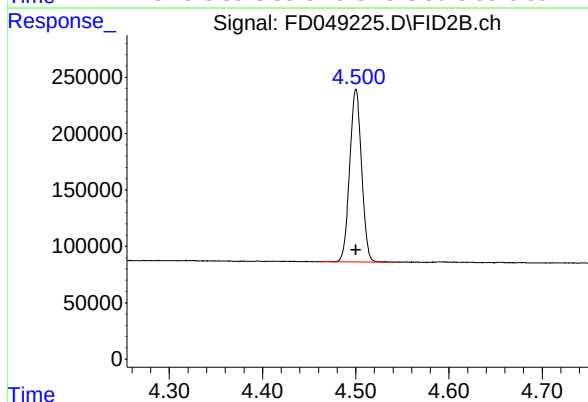




#1 n-Nonane (C9)

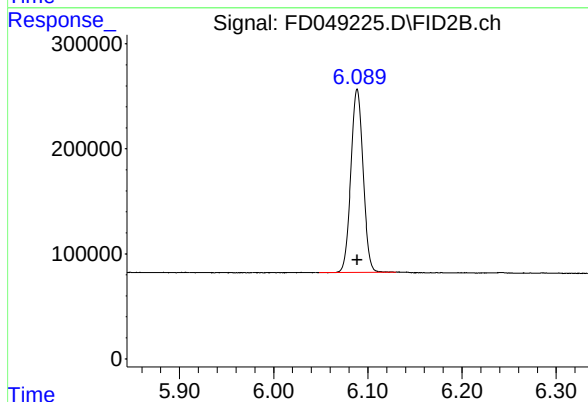
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 1342393
Conc: 10.87 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



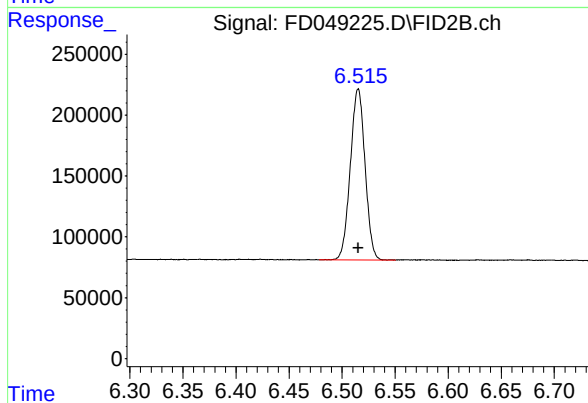
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 1356357
Conc: 10.83 ug/ml



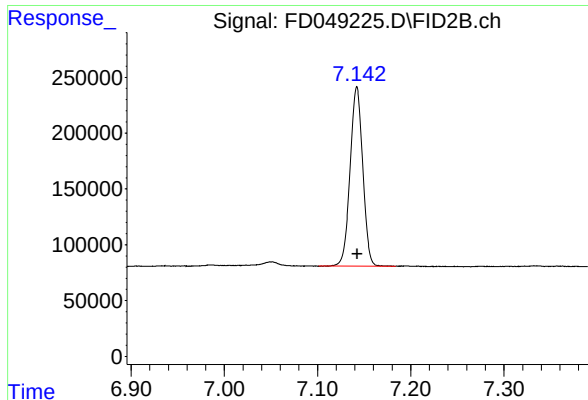
#3 A~Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 1570694
Conc: 10.68 ug/ml



#4 n-Dodecane (C12)

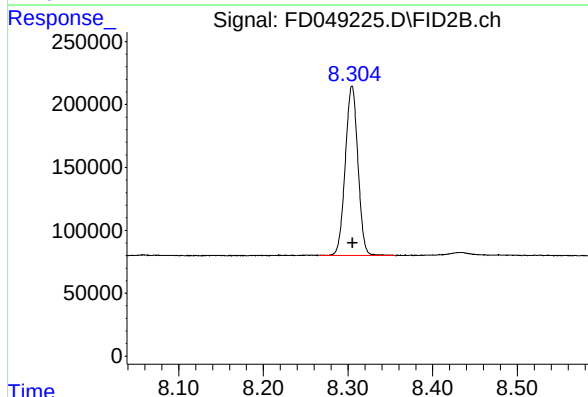
R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 1354972
Conc: 10.71 ug/ml



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

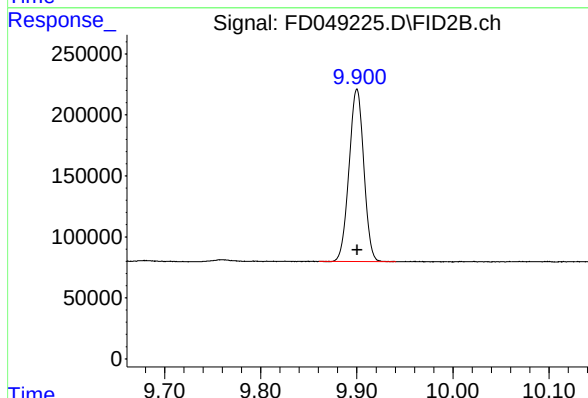
R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 1516695
Conc: 10.70 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



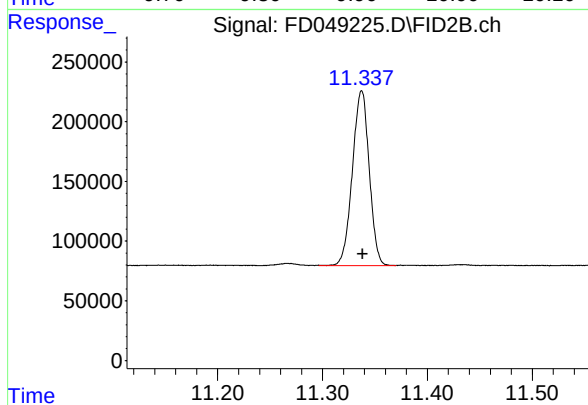
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 1394837
Conc: 10.69 ug/ml



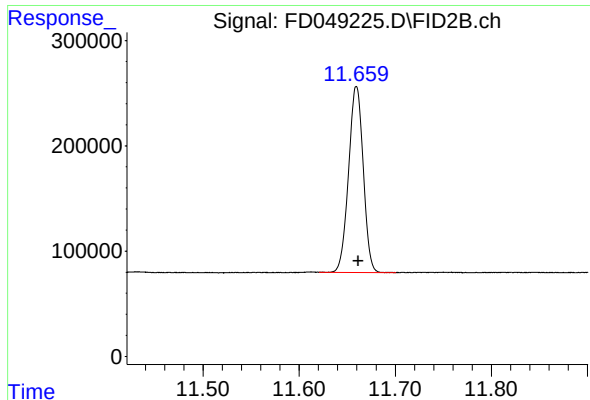
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 1509521
Conc: 10.55 ug/ml



#8 n-Octadecane (C18)

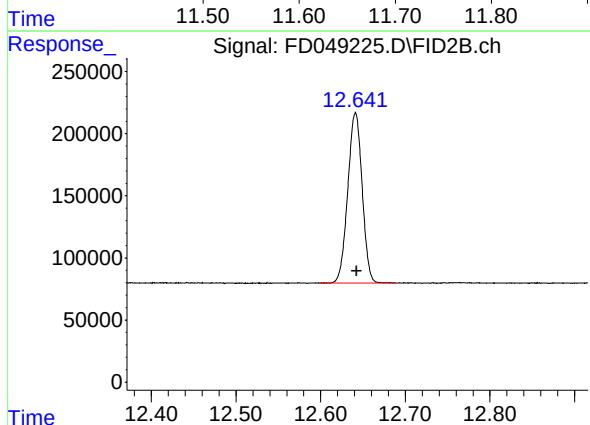
R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 1629694
Conc: 10.51 ug/ml



#9 ortho-Terphenyl (SURR)

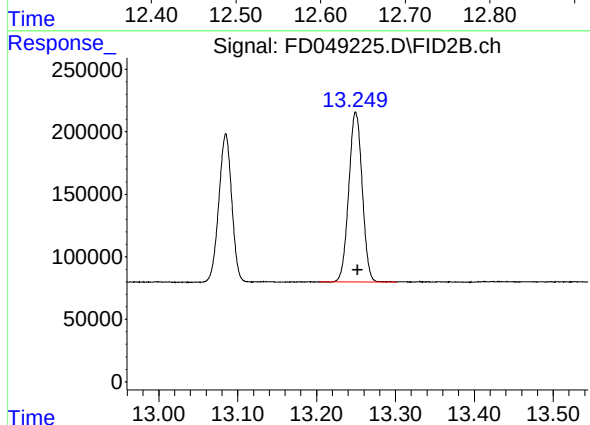
R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 1871662
Conc: 10.49 ug/ml

Instrument :
FID_D
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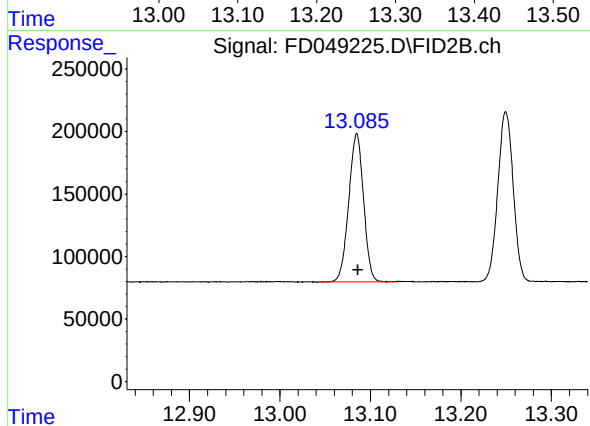
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.001 min
Response: 1618479
Conc: 10.46 ug/ml



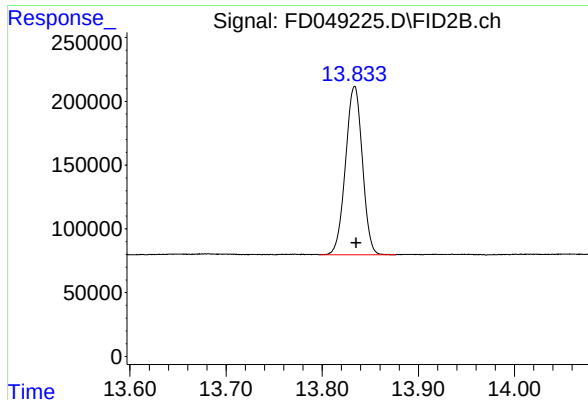
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.003 min
Response: 1607856
Conc: 10.47 ug/ml



#12 1-chlorooctadecane (SURR)

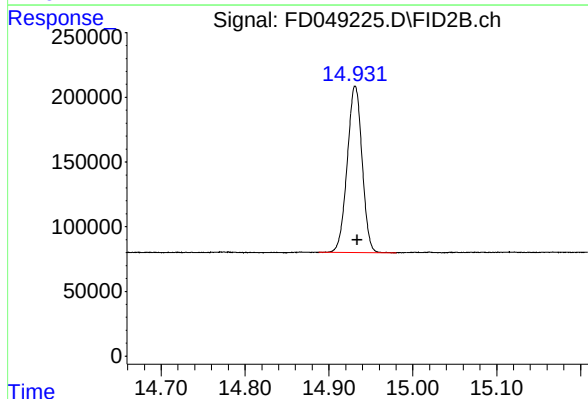
R.T.: 13.085 min
Delta R.T.: -0.001 min
Response: 1346863
Conc: 10.36 ug/ml



#13 n-Docosane (C22)

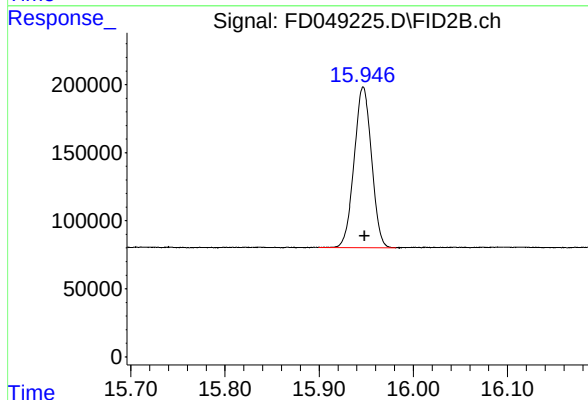
R.T.: 13.834 min
Delta R.T.: -0.002 min
Response: 1608471
Conc: 10.49 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



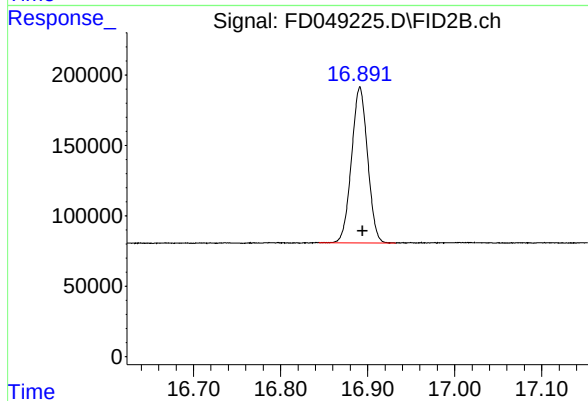
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.002 min
Response: 1585893
Conc: 10.47 ug/ml



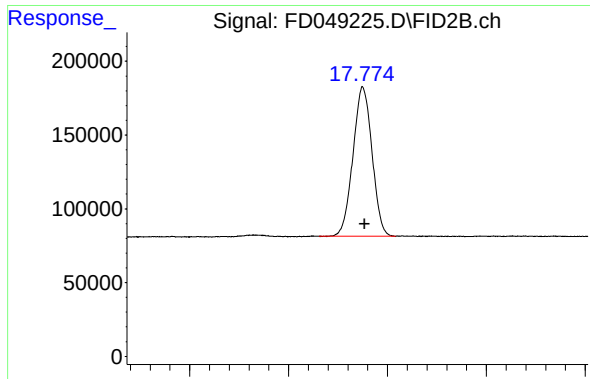
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: -0.001 min
Response: 1511080
Conc: 10.44 ug/ml



#16 n-Octacosane (C28)

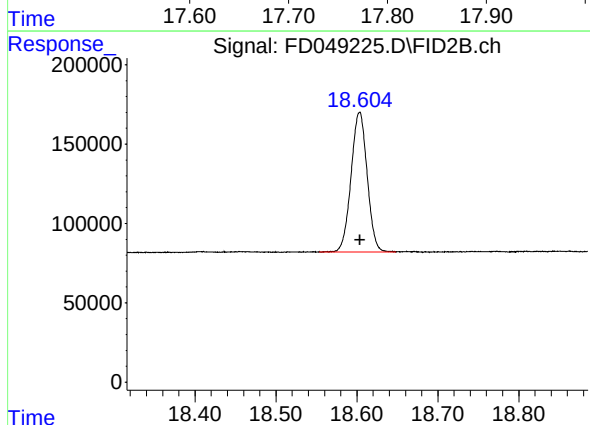
R.T.: 16.891 min
Delta R.T.: -0.003 min
Response: 1417804
Conc: 10.46 ug/ml



#17 n-Tricontane (C30)

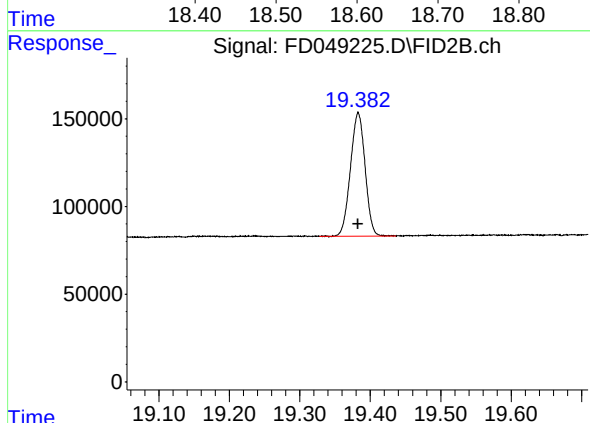
R.T.: 17.775 min
Delta R.T.: -0.002 min
Response: 1352881
Conc: 10.42 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



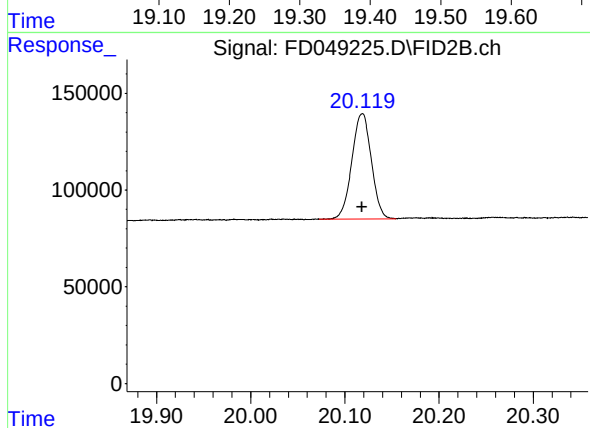
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: 0.000 min
Response: 1215238
Conc: 10.38 ug/ml



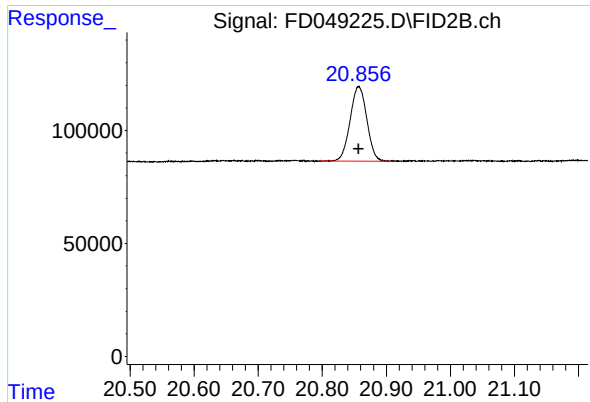
#19 n-Tetatriacontane (C34)

R.T.: 19.383 min
Delta R.T.: 0.000 min
Response: 1013841
Conc: 10.22 ug/ml



#20 n-Hexatriacontane (C36)

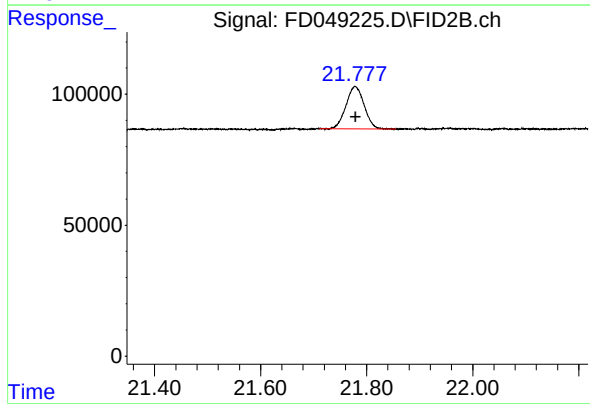
R.T.: 20.119 min
Delta R.T.: 0.000 min
Response: 780048
Conc: 9.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: 0.000 min
Response: 599191
Conc: 9.54 ug/ml

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FID_D
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.778 min
Delta R.T.: 0.000 min
Response: 386160
Conc: 8.47 ug/ml