

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AL\
 Data File : FD029973.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2019 16:50
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
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 8/9/2019 4:03:41 PM

Integration File: autoint1.e
 Quant Time: Aug 08 17:22:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:39:13 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.567	731492	5.409 ug/ml
Spiked Amount 50.000		Recovery =	10.82%
12) S 1-chlorooctadecane (S...	12.993	605702	5.394 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
Target Compounds			
1) T n-Nonane (C9)	3.362	635726	5.396 ug/ml
2) T n-Decane (C10)	4.426	647931	5.417 ug/ml
3) T A~Naphthalene (C11.7)	6.006	736467	5.445 ug/ml
4) T n-Dodecane (C12)	6.436	649251	5.412 ug/ml
5) T A~2-methylnaphthalene...	7.057	734025	5.390 ug/ml
6) T n-Tetradecane (C14)	8.223	655113	5.395 ug/ml
7) T n-Hexadecane (C16)	9.815	659880	5.361 ug/ml
8) T n-Octadecane (C18)	11.249	682718	5.432 ug/ml
10) T n-Eicosane (C20)	12.551	690123	5.401 ug/ml
11) T n-Heneicosane (C21)	13.159	693995	5.437 ug/ml
13) T n-Docosane (C22)	13.741	698414	5.444 ug/ml
14) T n-Tetracosane (C24)	14.836	707398	5.497 ug/ml
15) T n-Hexacosane (C26)	15.849	695319	5.498 ug/ml
16) T n-Octacosane (C28)	16.791	693984	5.601 ug/ml
17) T n-Tricontane (C30)	17.671	675057	5.734 ug/ml
18) T n-Dotriacontane (C32)	18.497	660717	6.168 ug/ml
19) T n-Tetratriacontane (C34)	19.274	495828	5.763 ug/ml
20) T n-Hexatriacontane (C36)	20.007	411236	5.685 ug/ml
21) T n-Octatriacontane (C38)	20.724	363216	5.584 ug/ml
22) T n-Tetracontane (C40)	21.596	418370	6.209 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FD029973.D
Signal(s) : FID2B.CH
Acq On : 08 Aug 2019 16:50
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 56 Sample Multiplier: 1

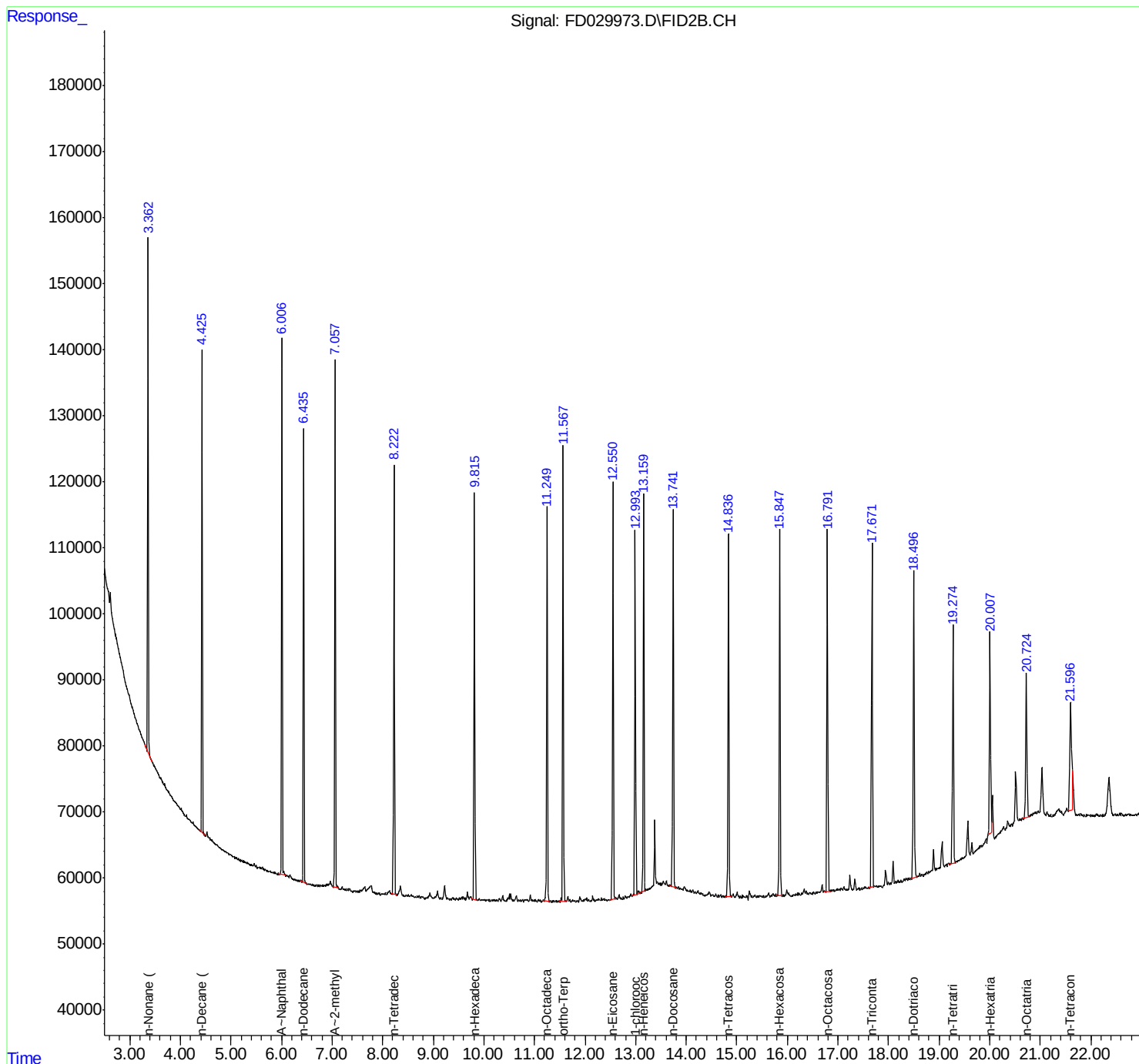
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

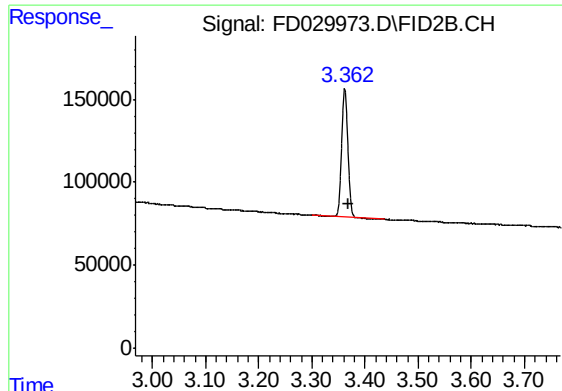
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Integration File: autoint1.e
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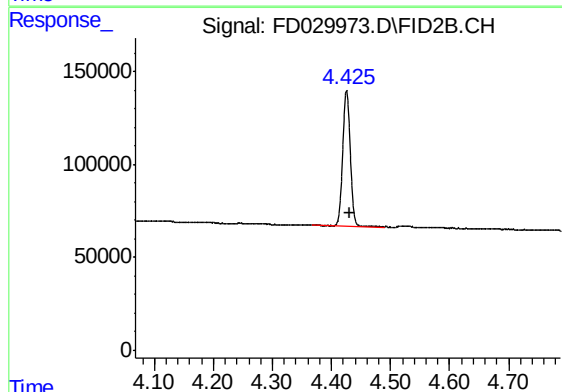
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.007 min
Response: 635726
Conc: 5.40 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

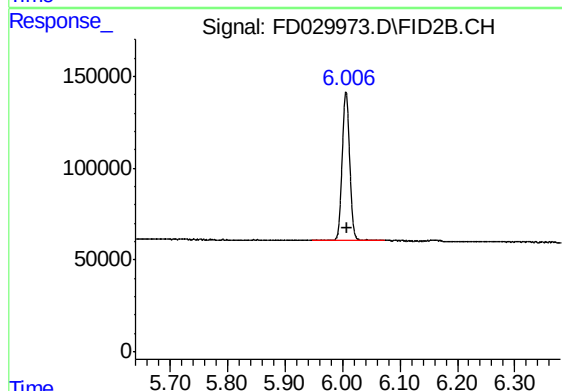
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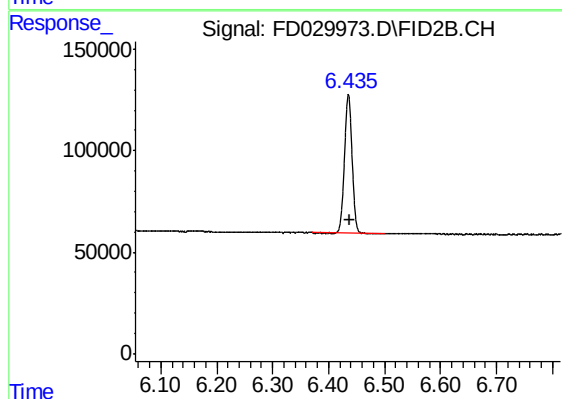
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.005 min
Response: 647931
Conc: 5.42 ug/ml



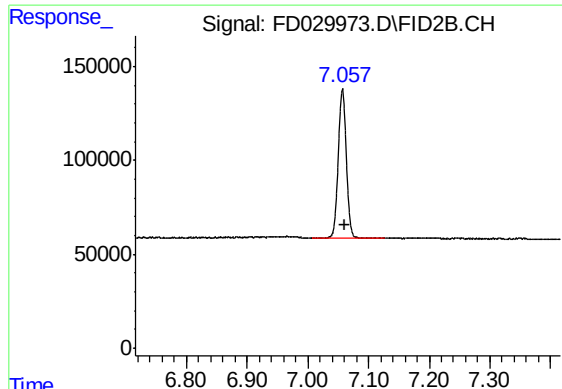
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 736467
Conc: 5.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.436 min
Delta R.T.: -0.003 min
Response: 649251
Conc: 5.41 ug/ml



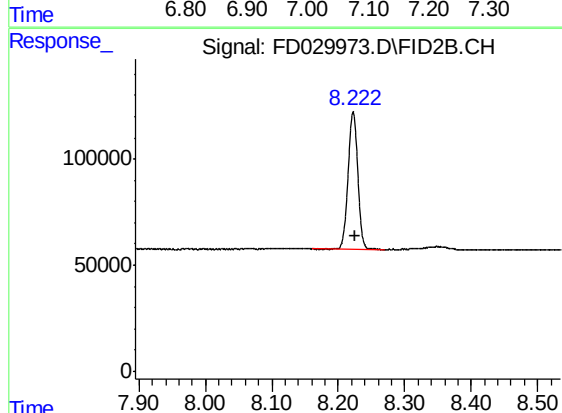
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 734025
Conc: 5.39 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

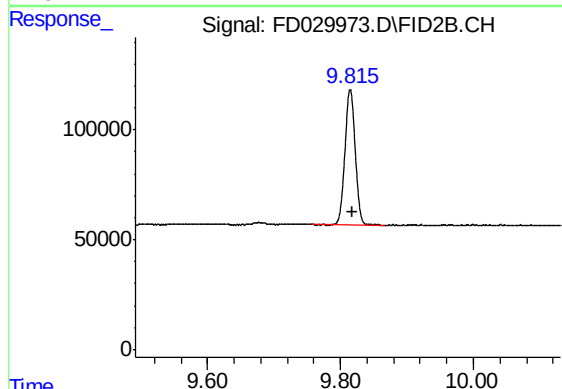
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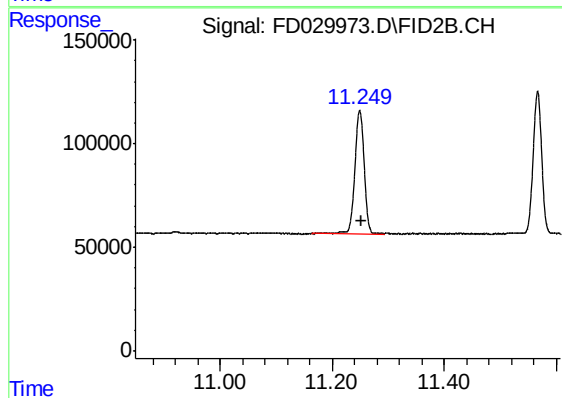
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 655113
Conc: 5.40 ug/ml



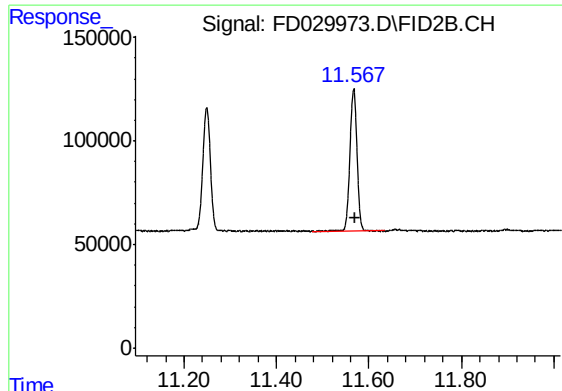
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.003 min
Response: 659880
Conc: 5.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 682718
Conc: 5.43 ug/ml



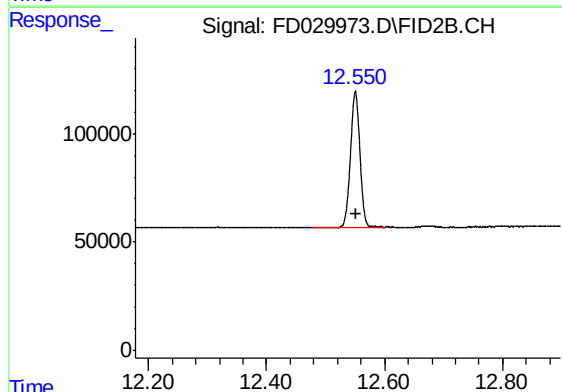
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.002 min
Response: 731492
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

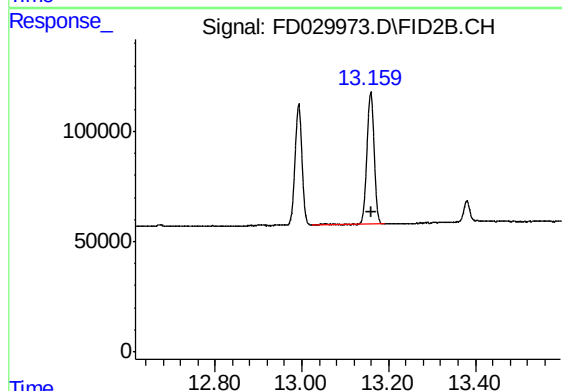
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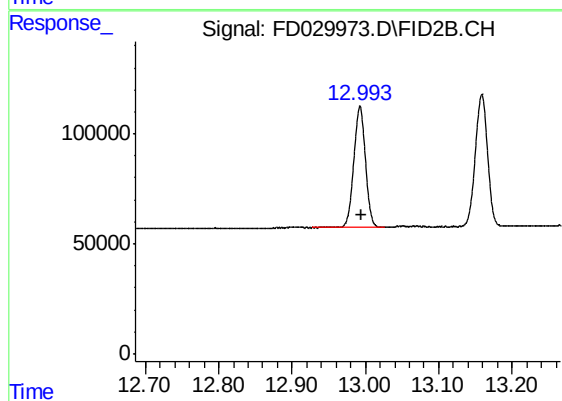
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.002 min
Response: 690123
Conc: 5.40 ug/ml



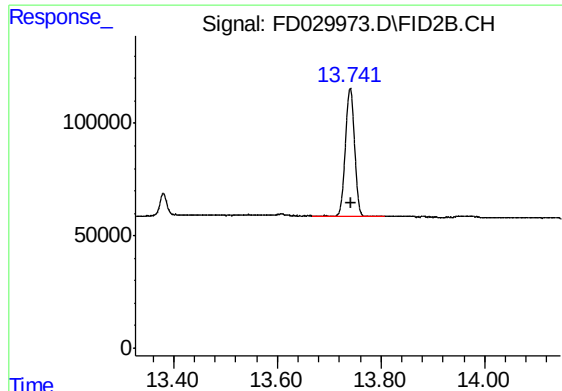
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.002 min
Response: 693995
Conc: 5.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.002 min
Response: 605702
Conc: 5.39 ug/ml



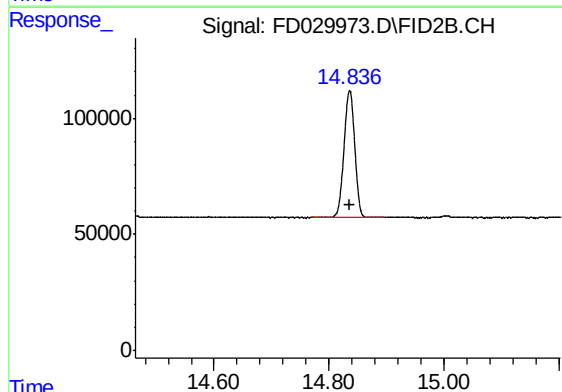
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.001 min
Response: 698414
Conc: 5.44 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

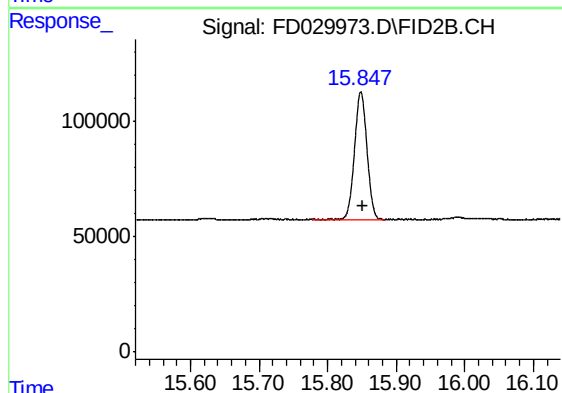
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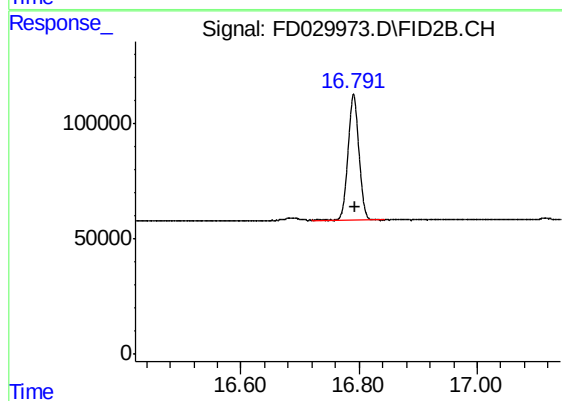
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: -0.001 min
Response: 707398
Conc: 5.50 ug/ml



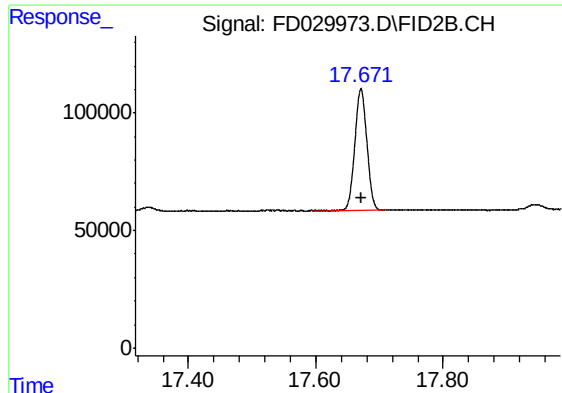
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.002 min
Response: 695319
Conc: 5.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.002 min
Response: 693984
Conc: 5.60 ug/ml



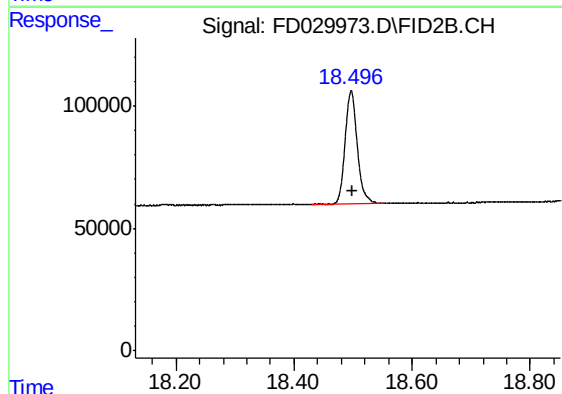
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: -0.001 min
Response: 675057
Conc: 5.73 ug/ml

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5 PPM ALIPHATIC HC STD5

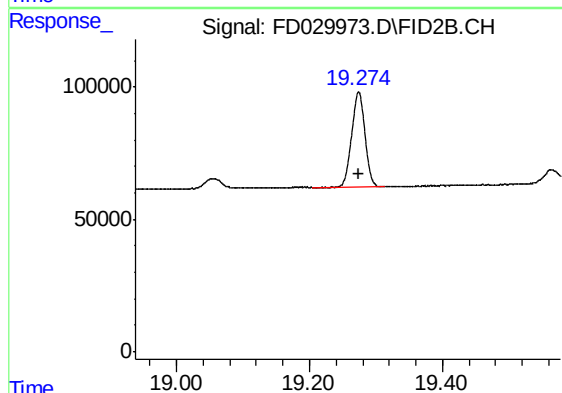
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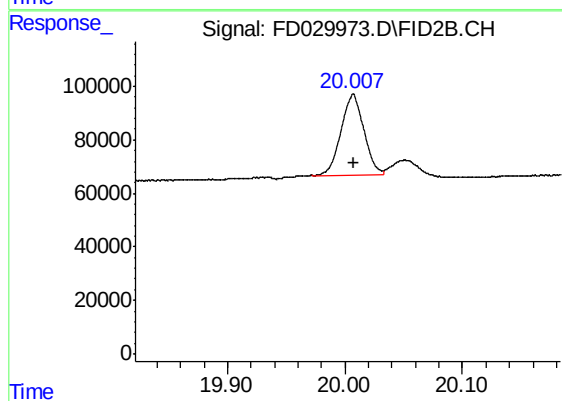
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: -0.001 min
Response: 660717
Conc: 6.17 ug/ml



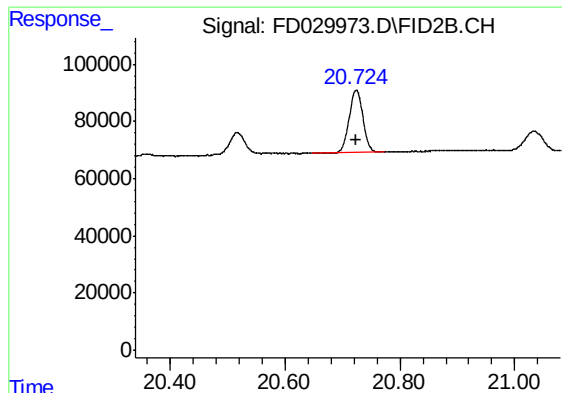
#19 n-Tetatriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.000 min
Response: 495828
Conc: 5.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.000 min
Response: 411236
Conc: 5.68 ug/ml m



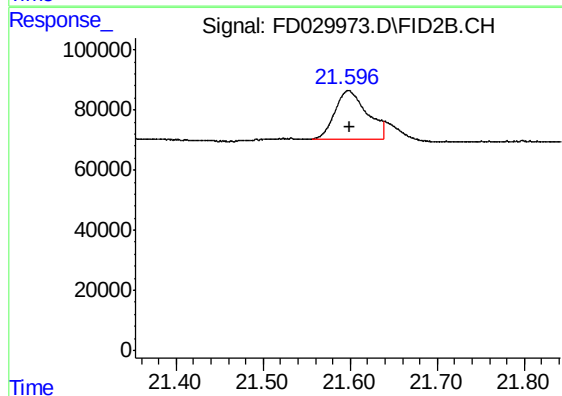
#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 363216
Conc: 5.58 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: -0.003 min
Response: 418370
Conc: 6.21 ug/ml m