

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091124AL\
 Data File : FF014492.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 20:58
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e
 Quant Time: Sep 11 08:06:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:06:41 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)	11.799	1489620	10.432 ug/ml
Spiked Amount 50.000		Recovery =	20.86%
12) S 1-chlorooctadecane (S...	13.243	1097205	10.315 ug/ml
Spiked Amount 50.000		Recovery =	20.63%
Target Compounds			
1) T n-Nonane (C9)	3.205	1228701	10.358 ug/ml
2) T n-Decane (C10)	4.453	1239233	10.342 ug/ml
3) T A~Naphthalene (C11.7)	6.148	1248672	10.108 ug/ml
4) T n-Dodecane (C12)	6.617	1285920	10.434 ug/ml
5) T A~2-methylnaphthalene...	7.244	1093060	9.785 ug/ml
6) T n-Tetradecane (C14)	8.444	1232077	10.309 ug/ml
7) T n-Hexadecane (C16)	10.049	1254240	10.288 ug/ml
8) T n-Octadecane (C18)	11.491	1317340	10.313 ug/ml
10) T n-Eicosane (C20)	12.800	1320558	10.443 ug/ml
11) T n-Heneicosane (C21)	13.411	1306787	10.454 ug/ml
13) T n-Docosane (C22)	13.998	1287312	10.420 ug/ml
14) T n-Tetracosane (C24)	15.100	1267257	10.361 ug/ml
15) T n-Hexacosane (C26)	16.120	1235424	10.319 ug/ml
16) T n-Octacosane (C28)	17.069	1194080	10.285 ug/ml
17) T n-Tricontane (C30)	17.955	1210855	10.335 ug/ml
18) T n-Dotriacontane (C32)	18.788	1146468	10.320 ug/ml
19) T n-Tetratriacontane (C34)	19.569	991233	10.318 ug/ml
20) T n-Hexatriacontane (C36)	20.309	827206	10.188 ug/ml
21) T n-Octatriacontane (C38)	21.033	694146	9.521 ug/ml
22) T n-Tetracontane (C40)	21.914	597869	9.552 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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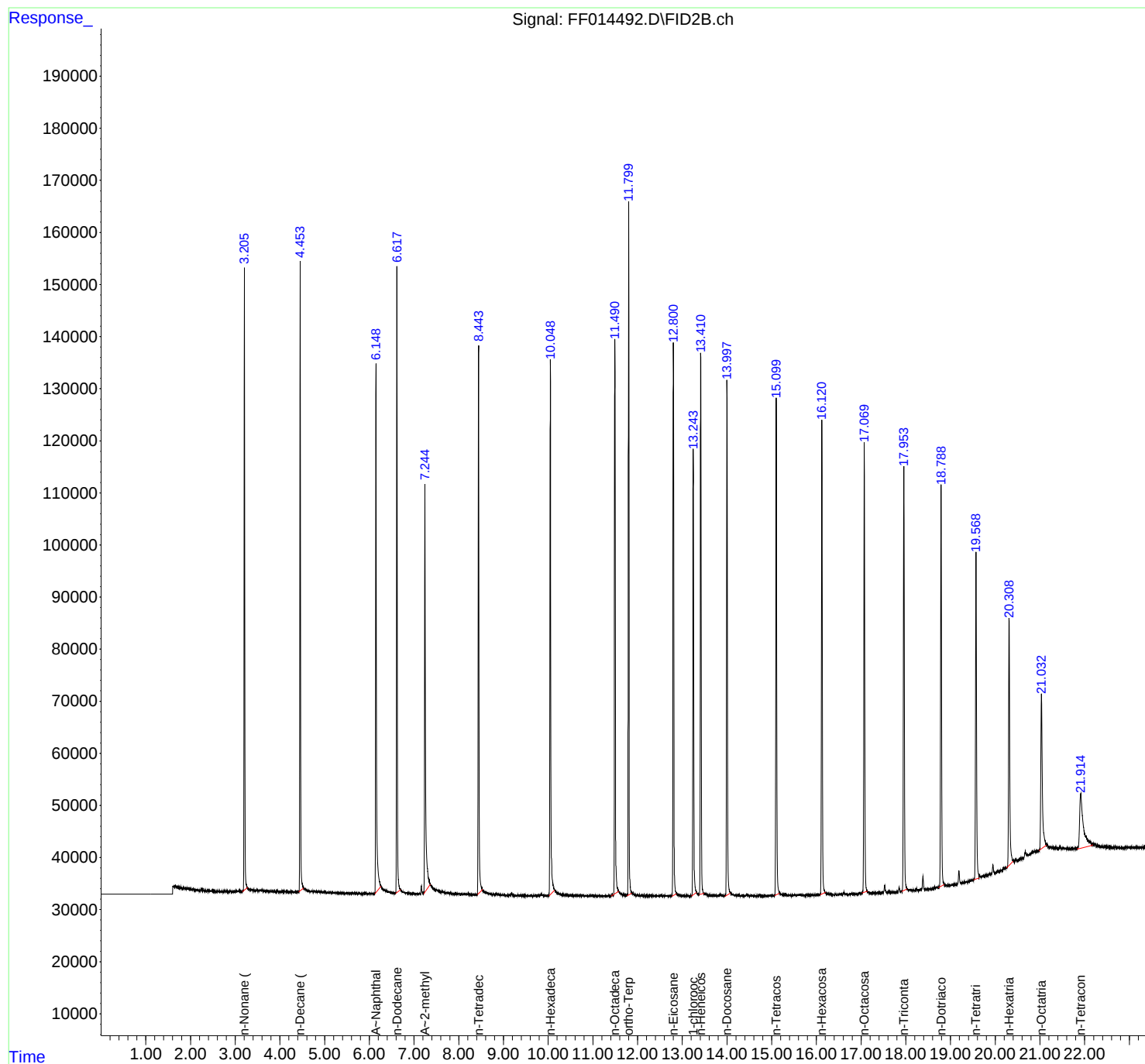
Instrument :
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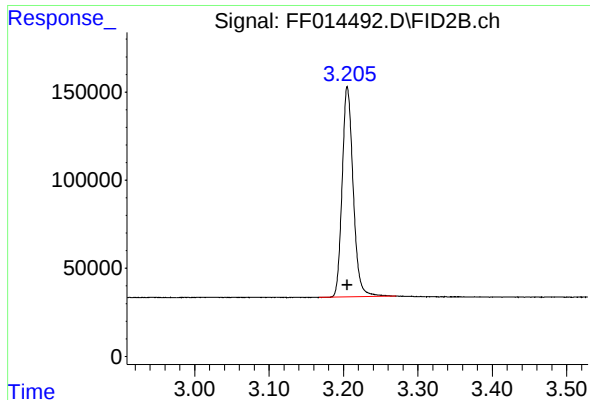
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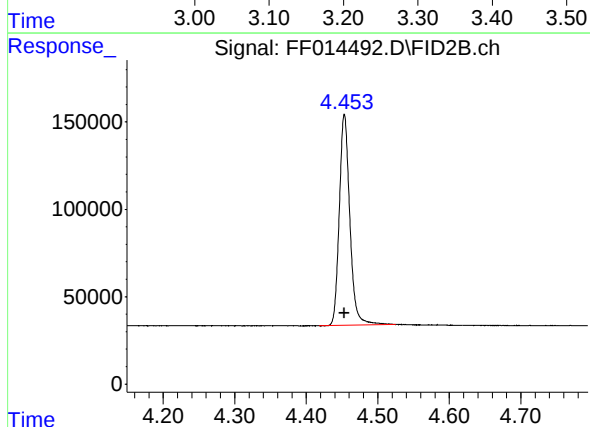
#1 n-Nonane (C9)

R.T.: 3.205 min
Delta R.T.: 0.000 min
Response: 1228701
Conc: 10.36 ug/ml

Instrument :
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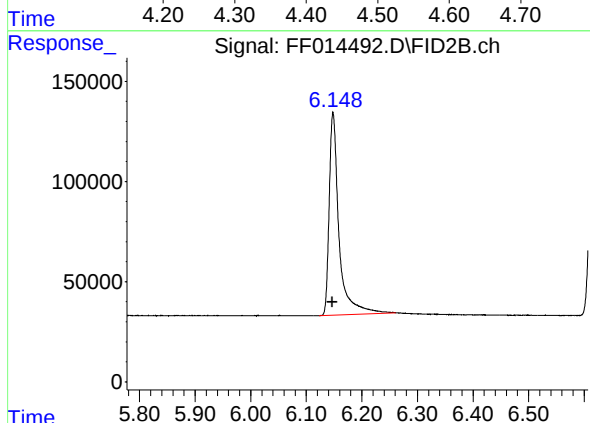
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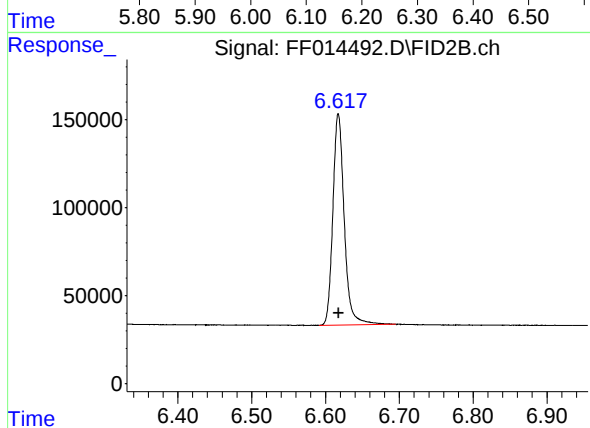
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 1239233
Conc: 10.34 ug/ml



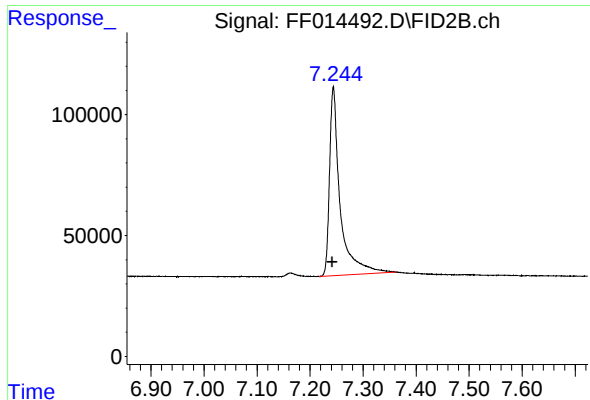
#3 A~Naphthalene (C11.7)

R.T.: 6.148 min
Delta R.T.: 0.002 min
Response: 1248672
Conc: 10.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1285920
Conc: 10.43 ug/ml



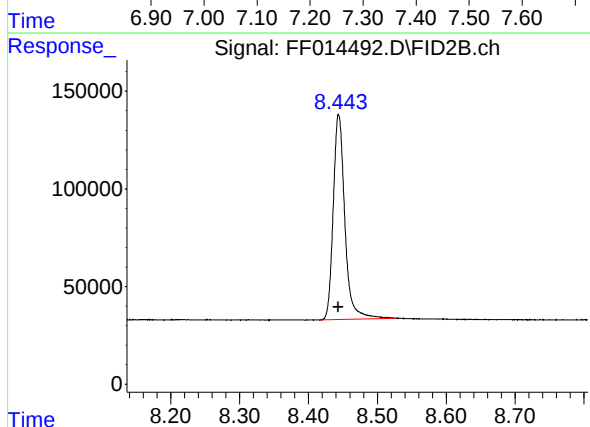
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: 0.002 min
Response: 1093060
Conc: 9.79 ug/ml

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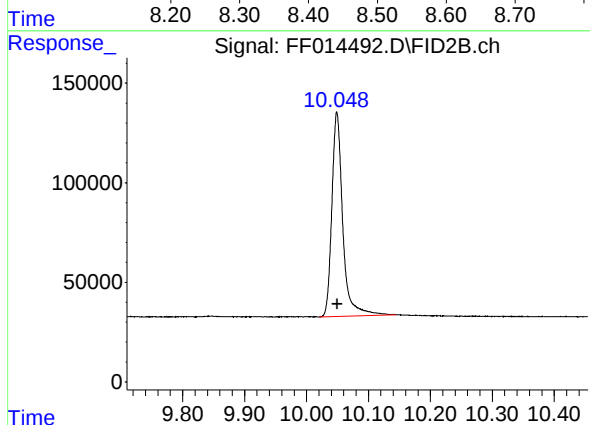
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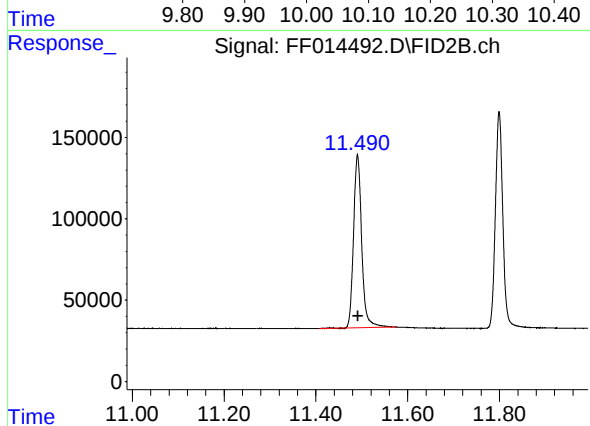
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 1232077
Conc: 10.31 ug/ml



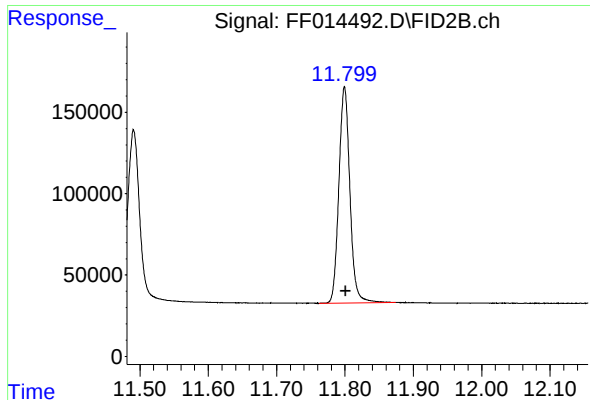
#7 n-Hexadecane (C16)

R.T.: 10.049 min
Delta R.T.: 0.000 min
Response: 1254240
Conc: 10.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.491 min
Delta R.T.: -0.001 min
Response: 1317340
Conc: 10.31 ug/ml



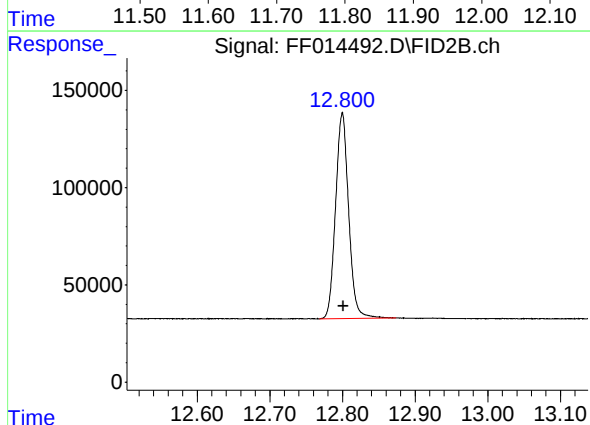
#9 ortho-Terphenyl (SURR)

R.T.: 11.799 min
Delta R.T.: -0.002 min
Response: 1489620
Conc: 10.43 ug/ml

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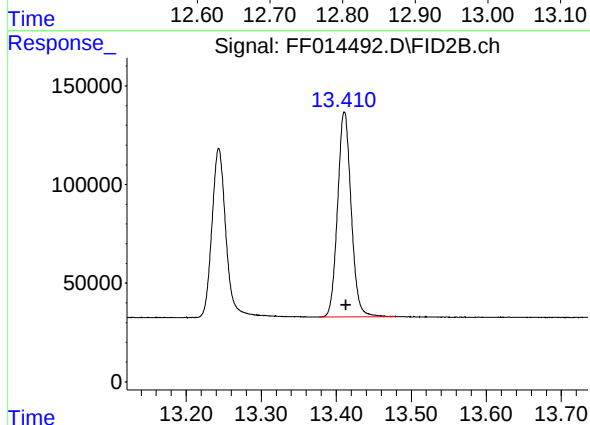
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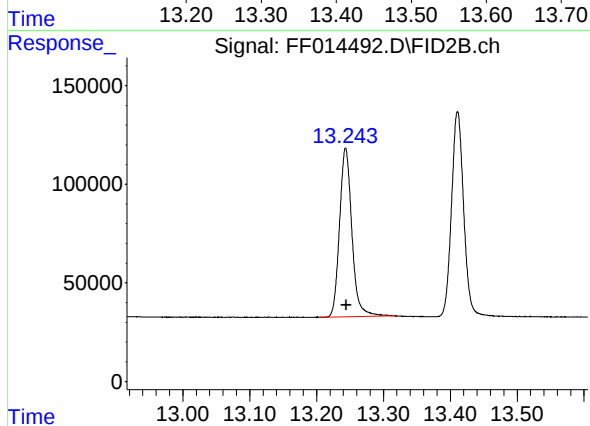
#10 n-Eicosane (C20)

R.T.: 12.800 min
Delta R.T.: -0.002 min
Response: 1320558
Conc: 10.44 ug/ml



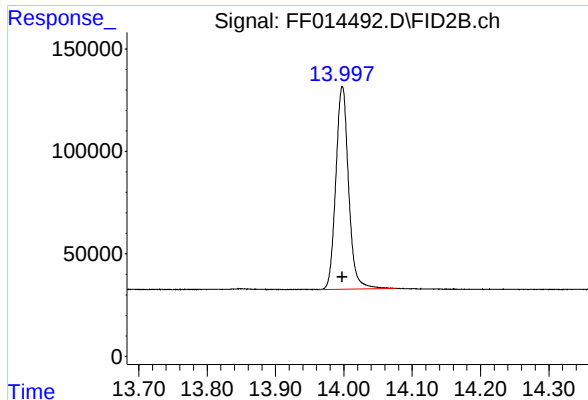
#11 n-Heneicosane (C21)

R.T.: 13.411 min
Delta R.T.: -0.002 min
Response: 1306787
Conc: 10.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.243 min
Delta R.T.: 0.000 min
Response: 1097205
Conc: 10.31 ug/ml



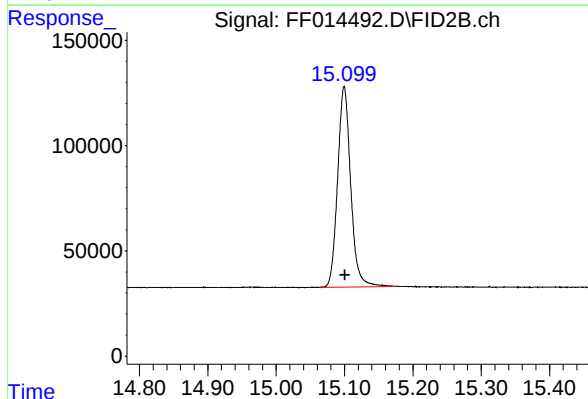
#13 n-Docosane (C22)

R.T.: 13.998 min
Delta R.T.: 0.000 min
Response: 1287312
Conc: 10.42 ug/ml

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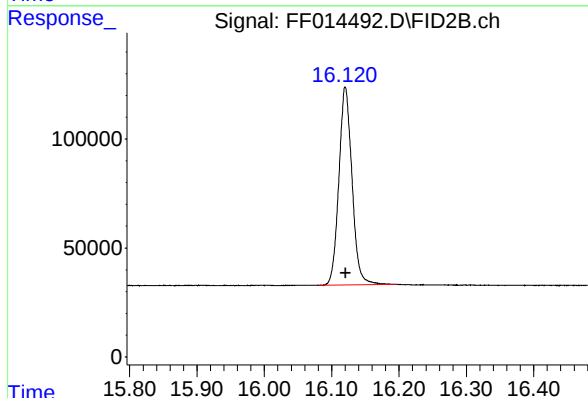
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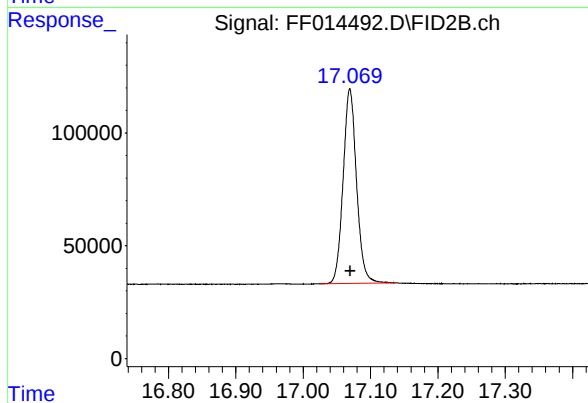
#14 n-Tetracosane (C24)

R.T.: 15.100 min
Delta R.T.: -0.001 min
Response: 1267257
Conc: 10.36 ug/ml



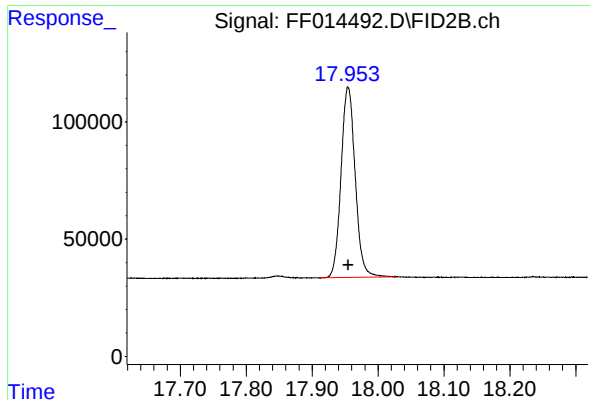
#15 n-Hexacosane (C26)

R.T.: 16.120 min
Delta R.T.: 0.000 min
Response: 1235424
Conc: 10.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.069 min
Delta R.T.: 0.000 min
Response: 1194080
Conc: 10.29 ug/ml



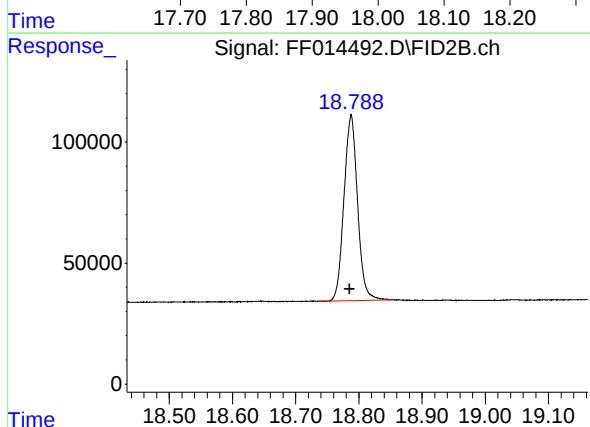
#17 n-Tricontane (C30)

R.T.: 17.955 min
Delta R.T.: 0.000 min
Response: 1210855
Conc: 10.33 ug/ml

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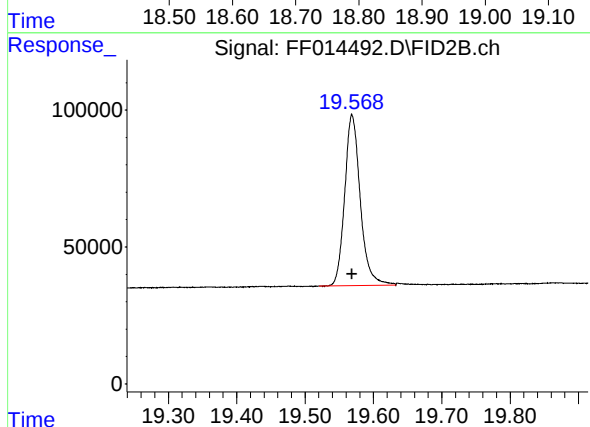
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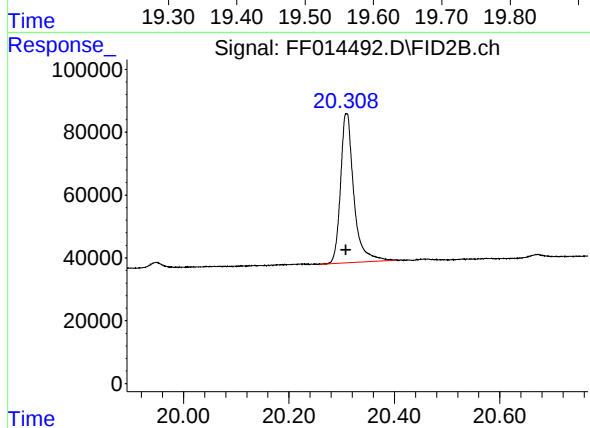
#18 n-Dotriacontane (C32)

R.T.: 18.788 min
Delta R.T.: 0.002 min
Response: 1146468
Conc: 10.32 ug/ml



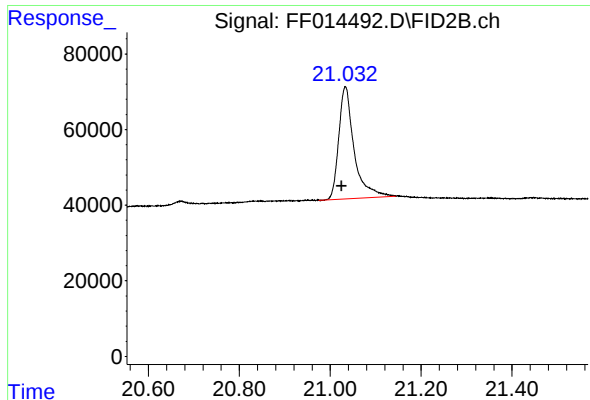
#19 n-Tetratriacontane (C34)

R.T.: 19.569 min
Delta R.T.: 0.000 min
Response: 991233
Conc: 10.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.309 min
Delta R.T.: 0.001 min
Response: 827206
Conc: 10.19 ug/ml



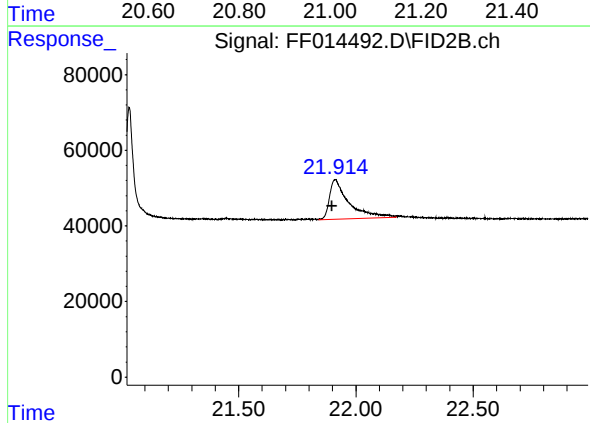
#21 n-Octatriacontane (C38)

R.T.: 21.033 min
Delta R.T.: 0.008 min
Response: 694146
Conc: 9.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: 0.017 min
Response: 597869
Conc: 9.55 ug/ml m