

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021822AL\
 Data File : FD041197.D
 Signal(s) : FID2B.CH
 Acq On : 18 Feb 2022 18:16
 Operator : YP\AJ
 Sample : N1552-03MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-1-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2022
 Supervised By :Ankita Jodhani 02/21/2022

Integration File: autoint1.e
 Quant Time: Feb 18 22:05:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 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)	11.231	926737	33.158 ug/ml
Spiked Amount 50.000		Recovery =	66.32%
12) S 1-chlorooctadecane (S...	12.671	717844	34.289 ug/mlm
Spiked Amount 50.000		Recovery =	68.58%
Target Compounds			
1) T n-Nonane (C9)	3.082	859446	38.158 ug/ml
2) T n-Decane (C10)	4.139	979052	43.502 ug/ml
3) T A~Naphthalene (C11.7)	5.694	1114152	50.139 ug/ml
4) T n-Dodecane (C12)	6.140	1094588	47.672 ug/ml
5) T A~2-methylnaphthalene...	6.739	1125369	52.389 ug/ml
6) T n-Tetradecane (C14)	7.917	1203004	51.085 ug/ml
7) T n-Hexadecane (C16)	9.504	1300722	54.102 ug/ml
8) T n-Octadecane (C18)	10.935	1361715	54.263 ug/ml
10) T n-Eicosane (C20)	12.235	1302210	51.994 ug/ml
11) T n-Heneicosane (C21)	12.843	1336749	52.637 ug/ml
13) T n-Docosane (C22)	13.426	1341664	53.602 ug/ml
14) T n-Tetracosane (C24)	14.523	1367631	55.067 ug/ml
15) T n-Hexacosane (C26)	15.537	1340811	55.308 ug/ml
16) T n-Octacosane (C28)	16.482	1367947	56.810 ug/ml
17) T n-Tricontane (C30)	17.364	1337082	56.114 ug/ml
18) T n-Dotriacontane (C32)	18.193	1306539	58.253 ug/ml
19) T n-Tetratriacontane (C34)	18.972	1314277	60.988 ug/ml
20) T n-Hexatriacontane (C36)	19.708	1269086	63.827 ug/ml
21) T n-Octatriacontane (C38)	20.405	1246907	65.814 ug/ml
22) T n-Tetracontane (C40)	21.187	1262382	65.219 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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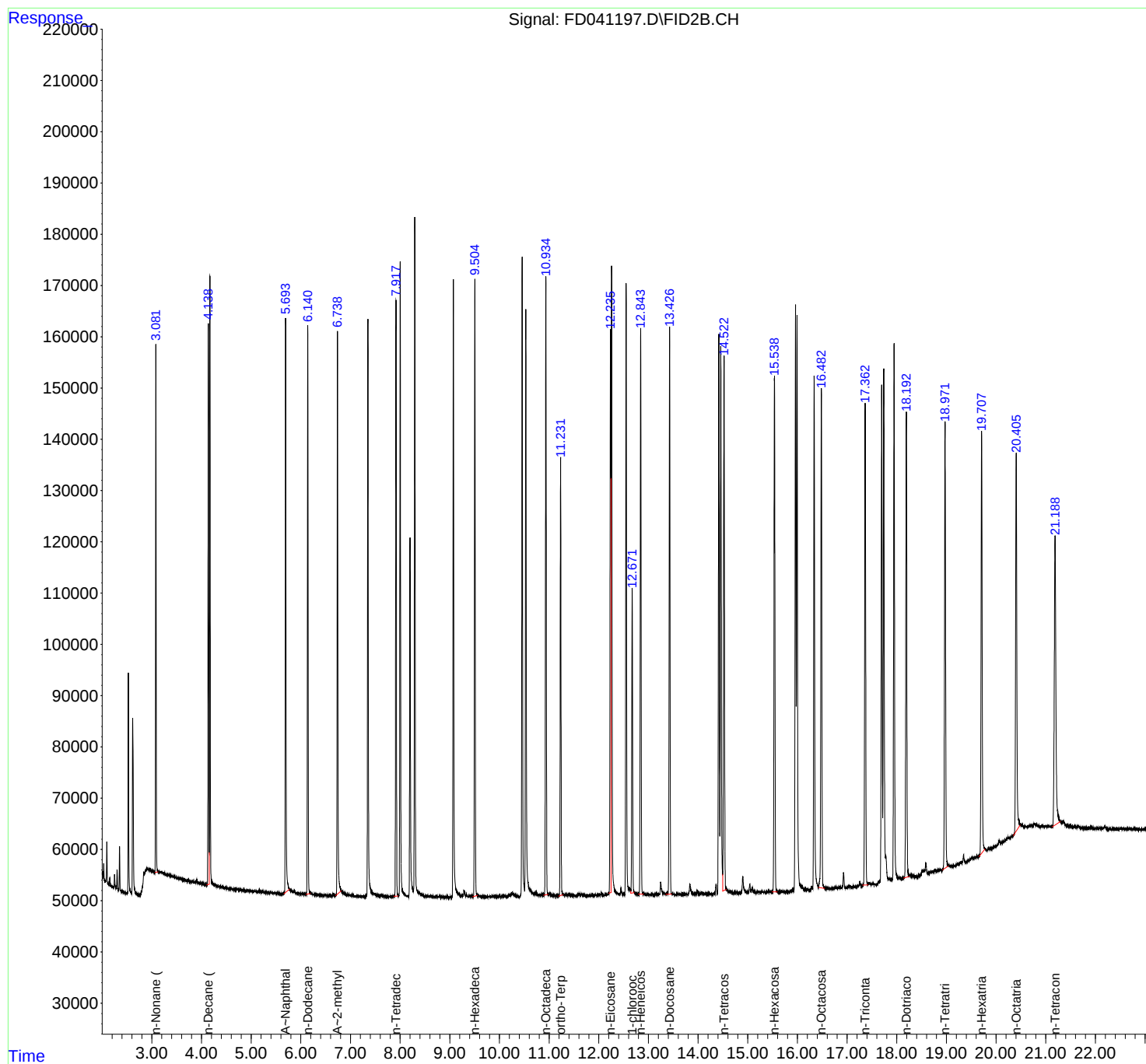
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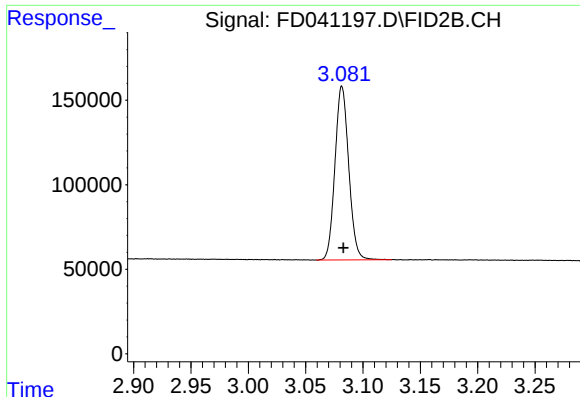
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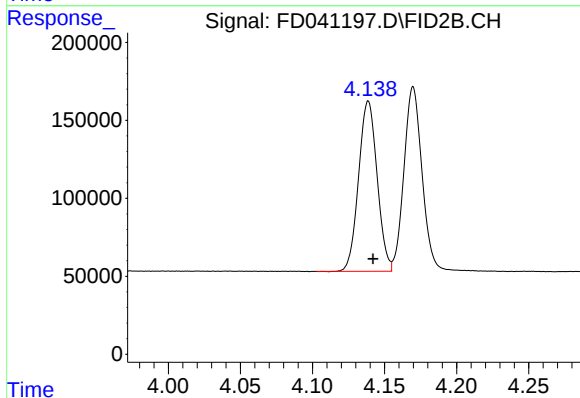
#1 n-Nonane (C9)

R.T.: 3.082 min
Delta R.T.: -0.001 min
Response: 859446
Conc: 38.16 ug/ml

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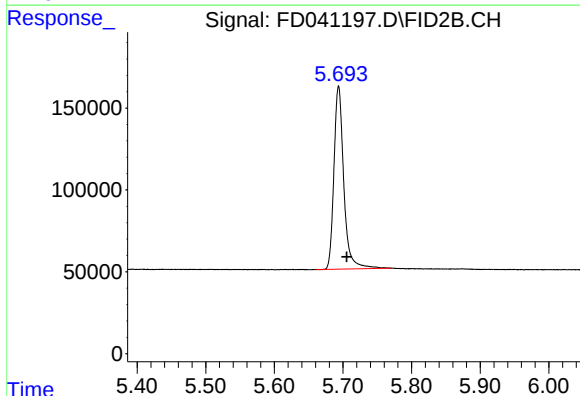
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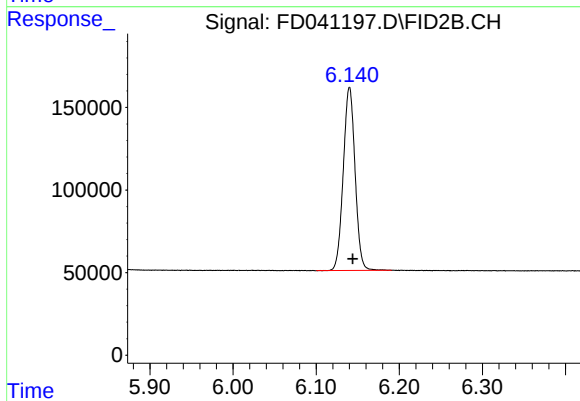
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 979052
Conc: 43.50 ug/ml



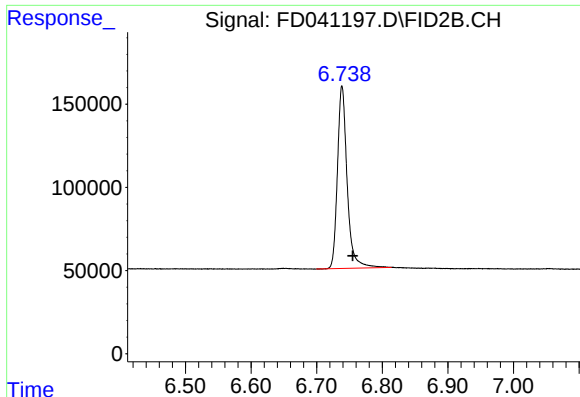
#3 A~Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.012 min
Response: 1114152
Conc: 50.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 1094588
Conc: 47.67 ug/ml



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

R.T.: 6.739 min
Delta R.T.: -0.016 min
Response: 1125369
Conc: 52.39 ug/ml

Instrument :

FID_D

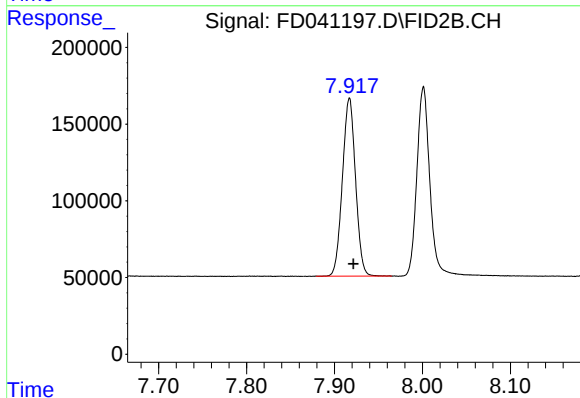
ClientSampleId :

TP-1-EPH-2MS

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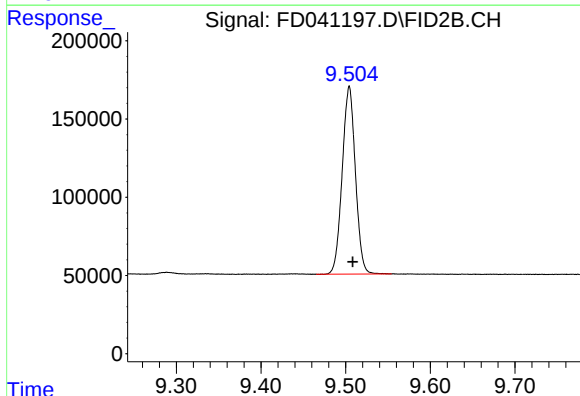
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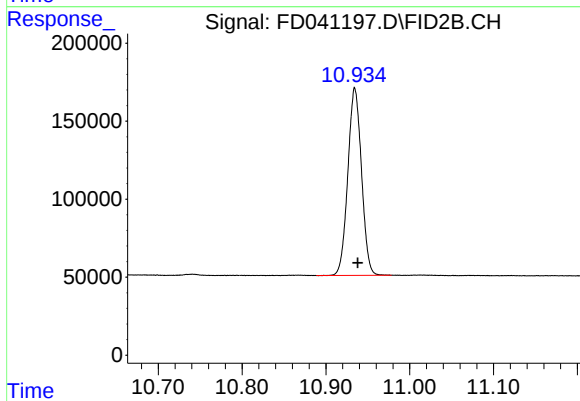
#6 n-Tetradecane (C14)

R.T.: 7.917 min
Delta R.T.: -0.005 min
Response: 1203004
Conc: 51.09 ug/ml



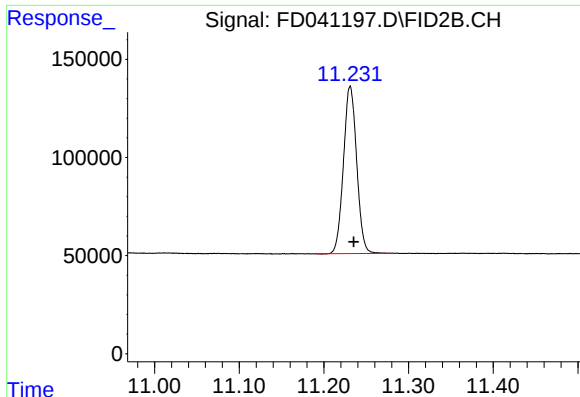
#7 n-Hexadecane (C16)

R.T.: 9.504 min
Delta R.T.: -0.004 min
Response: 1300722
Conc: 54.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.935 min
Delta R.T.: -0.004 min
Response: 1361715
Conc: 54.26 ug/ml



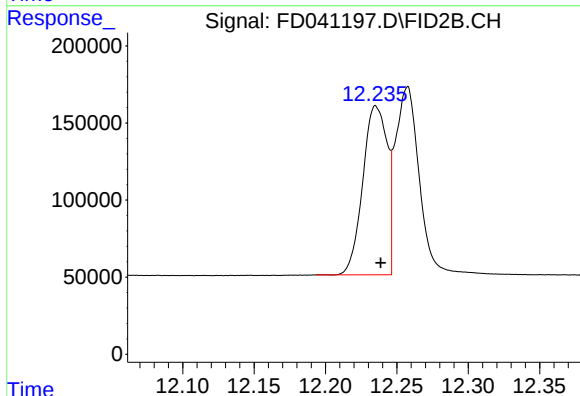
#9 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.004 min
Response: 926737
Conc: 33.16 ug/ml

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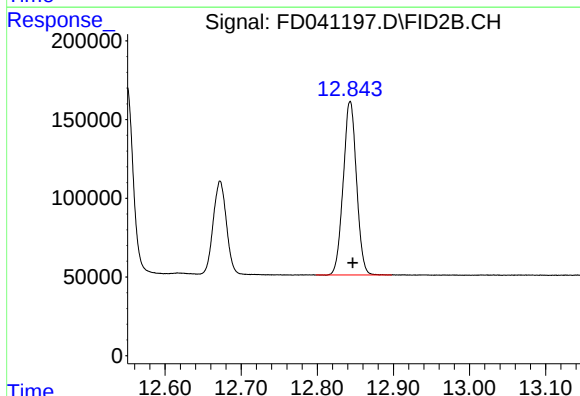
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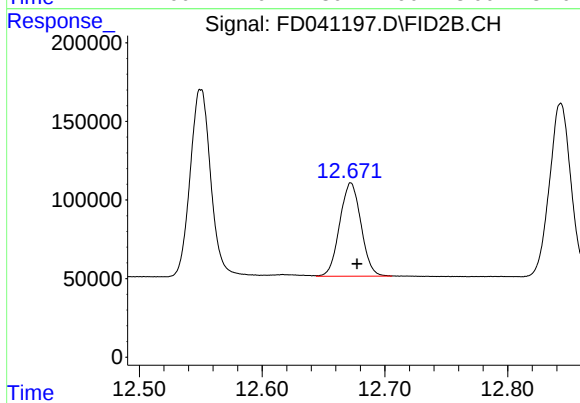
#10 n-Eicosane (C20)

R.T.: 12.235 min
Delta R.T.: -0.003 min
Response: 1302210
Conc: 51.99 ug/ml



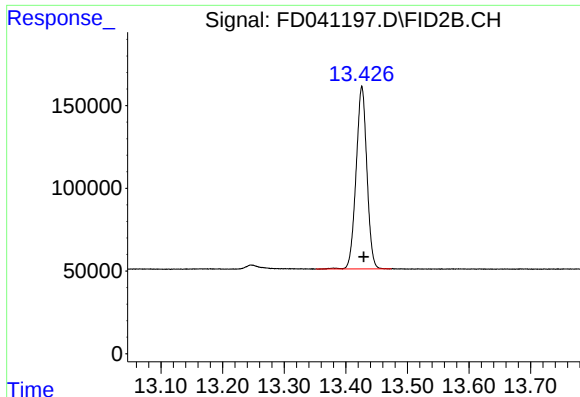
#11 n-Heneicosane (C21)

R.T.: 12.843 min
Delta R.T.: -0.003 min
Response: 1336749
Conc: 52.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.671 min
Delta R.T.: -0.006 min
Response: 717844
Conc: 34.29 ug/ml m



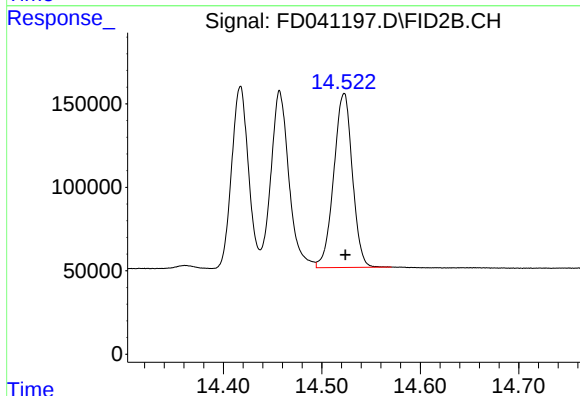
#13 n-Docosane (C22)

R.T.: 13.426 min
Delta R.T.: -0.003 min
Response: 1341664
Conc: 53.60 ug/ml

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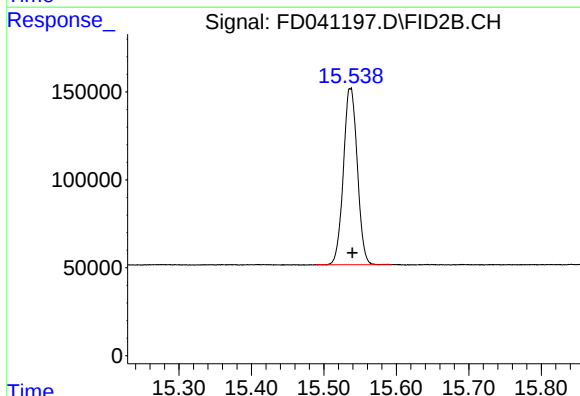
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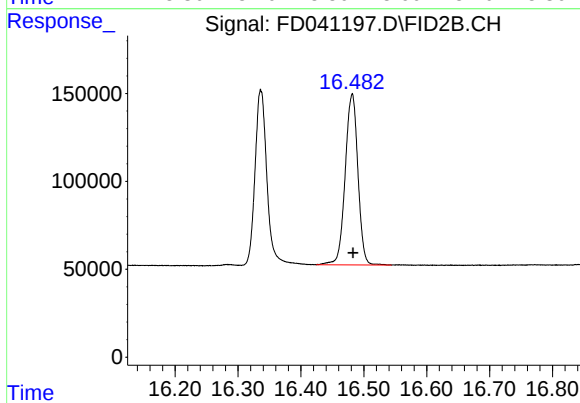
#14 n-Tetracosane (C24)

R.T.: 14.523 min
Delta R.T.: -0.001 min
Response: 1367631
Conc: 55.07 ug/ml



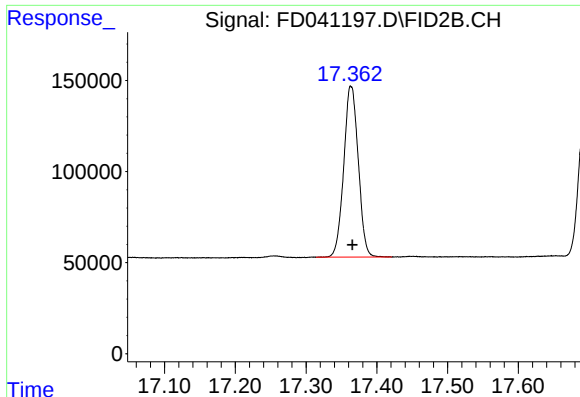
#15 n-Hexacosane (C26)

R.T.: 15.537 min
Delta R.T.: -0.003 min
Response: 1340811
Conc: 55.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.482 min
Delta R.T.: -0.001 min
Response: 1367947
Conc: 56.81 ug/ml



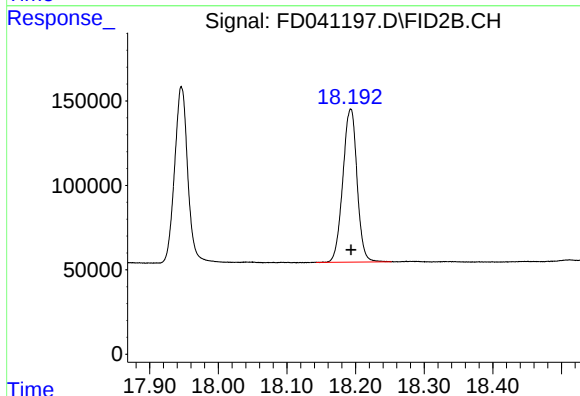
#17 n-Tricontane (C30)

R.T.: 17.364 min
Delta R.T.: -0.002 min
Response: 1337082
Conc: 56.11 ug/ml

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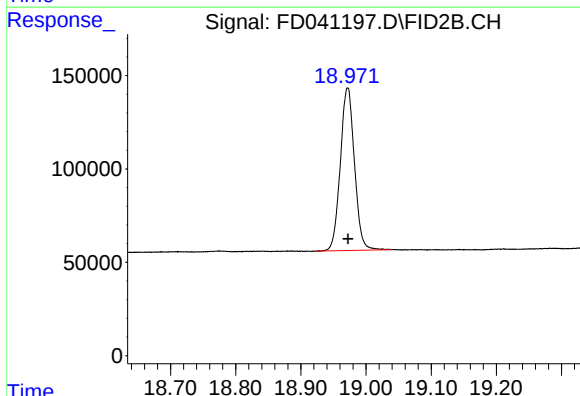
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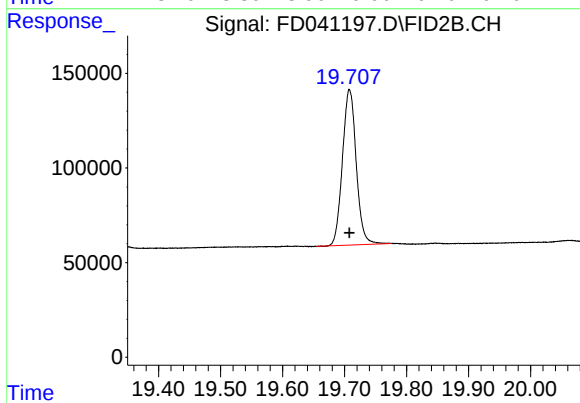
#18 n-Dotriacontane (C32)

R.T.: 18.193 min
Delta R.T.: 0.000 min
Response: 1306539
Conc: 58.25 ug/ml



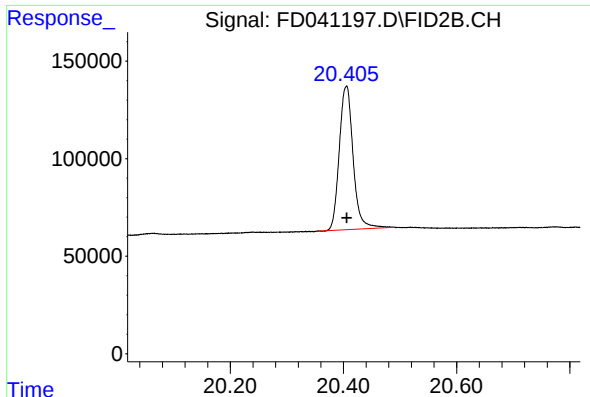
#19 n-Tetratriacontane (C34)

R.T.: 18.972 min
Delta R.T.: 0.000 min
Response: 1314277
Conc: 60.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.708 min
Delta R.T.: 0.000 min
Response: 1269086
Conc: 63.83 ug/ml



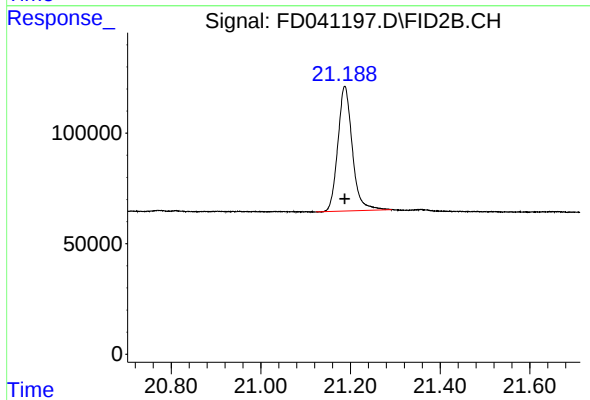
#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: 0.000 min
Response: 1246907
Conc: 65.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.187 min
Delta R.T.: 0.000 min
Response: 1262382
Conc: 65.22 ug/ml