

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AL\
 Data File : FD036511.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 2:46
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Ankita
 3/24/2021 9:25:35 AM

Integration File: autoint1.e
 Quant Time: Mar 24 03:22:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 03:21:09 2021
 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)	11.494	1487977	10.039 ug/ml
Spiked Amount 50.000		Recovery =	20.08%
12) S 1-chlorooctadecane (S...	12.924	1165615	9.978 ug/ml
Spiked Amount 50.000		Recovery =	19.96%
Target Compounds			
1) T n-Nonane (C9)	3.295	1287235	10.162 ug/ml
2) T n-Decane (C10)	4.356	1304393	10.168 ug/ml
3) T A~Naphthalene (C11.7)	5.930	1474404	10.136 ug/ml
4) T n-Dodecane (C12)	6.365	1339288	10.151 ug/ml
5) T A~2-methylnaphthalene...	6.981	1508819	10.105 ug/ml
6) T n-Tetradecane (C14)	8.153	1382368	10.257 ug/ml
7) T n-Hexadecane (C16)	9.746	1341111	10.082 ug/ml
8) T n-Octadecane (C18)	11.181	1393077	10.053 ug/ml
10) T n-Eicosane (C20)	12.484	1387970	10.013 ug/ml
11) T n-Heneicosane (C21)	13.092	1384519	10.050 ug/ml
13) T n-Docosane (C22)	13.675	1364928	9.998 ug/ml
14) T n-Tetracosane (C24)	14.772	1331662	10.006 ug/ml
15) T n-Hexacosane (C26)	15.786	1270191	9.966 ug/ml
16) T n-Octacosane (C28)	16.730	1210861	9.925 ug/ml
17) T n-Tricontane (C30)	17.611	1156838	9.949 ug/ml
18) T n-Dotriacontane (C32)	18.438	1136000	10.305 ug/ml
19) T n-Tetratriacontane (C34)	19.215	1043413	10.130 ug/ml
20) T n-Hexatriacontane (C36)	19.951	998006	10.454 ug/mlm
21) T n-Octatriacontane (C38)	20.659	928580	10.046 ug/ml
22) T n-Tetracontane (C40)	21.509	1051934	10.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 61 Sample Multiplier: 1

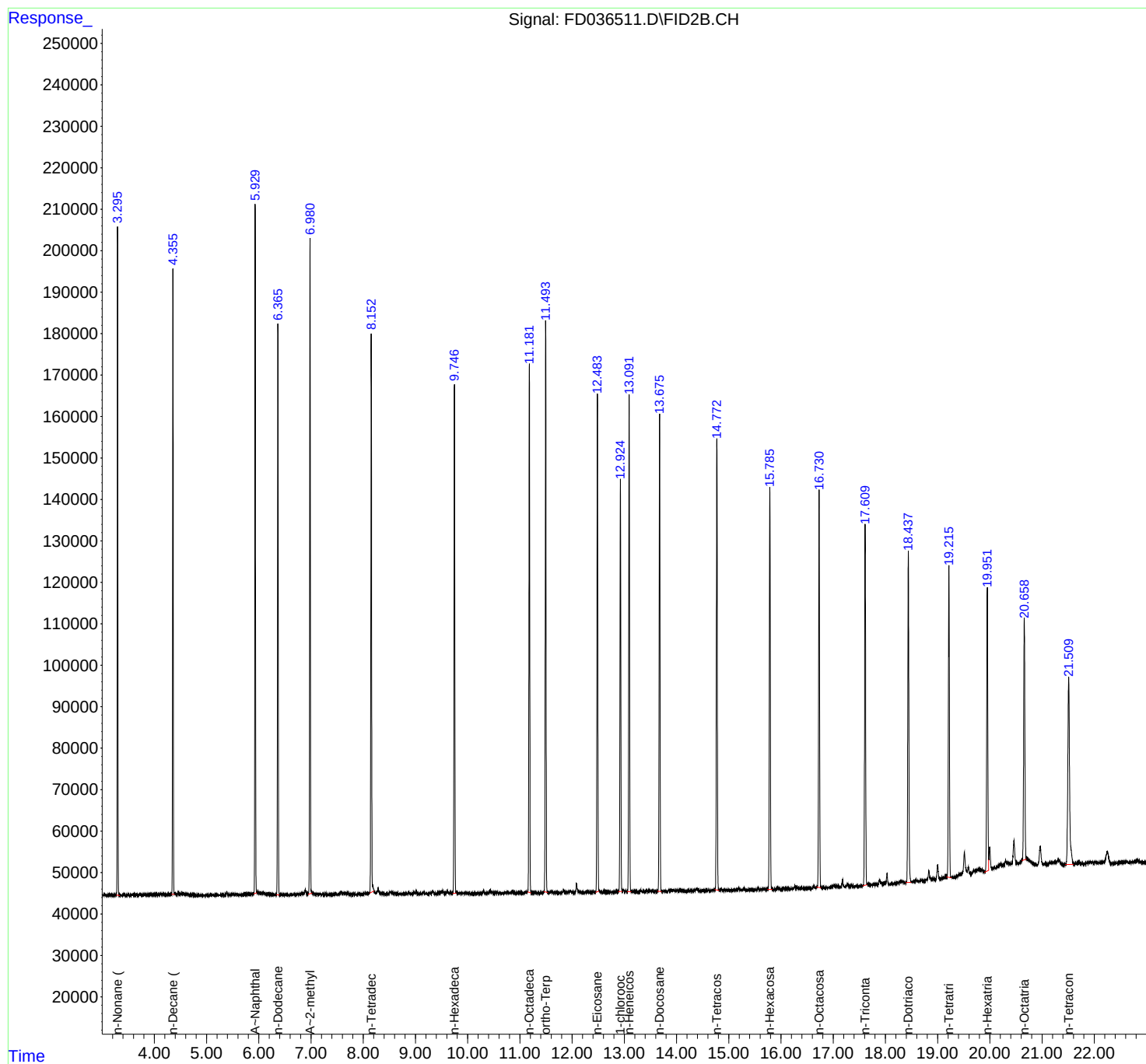
Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

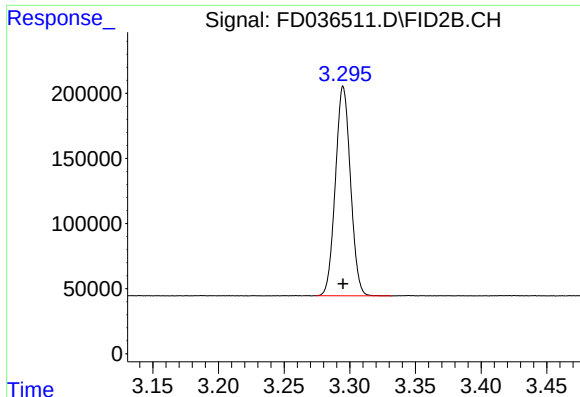
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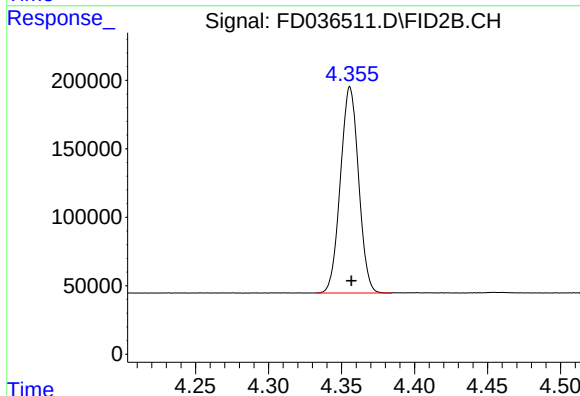
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 1287235
Conc: 10.16 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4

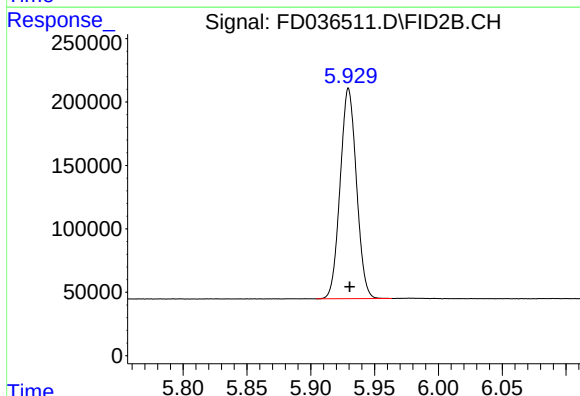
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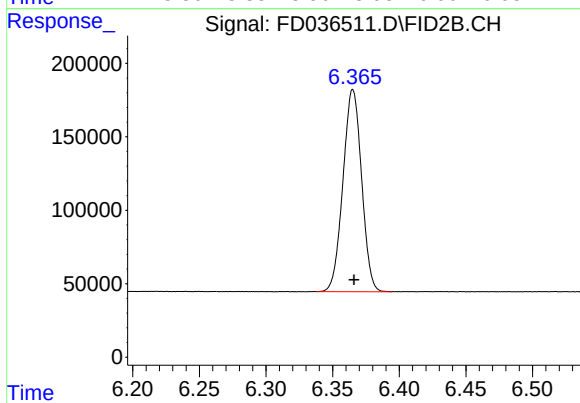
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 1304393
Conc: 10.17 ug/ml



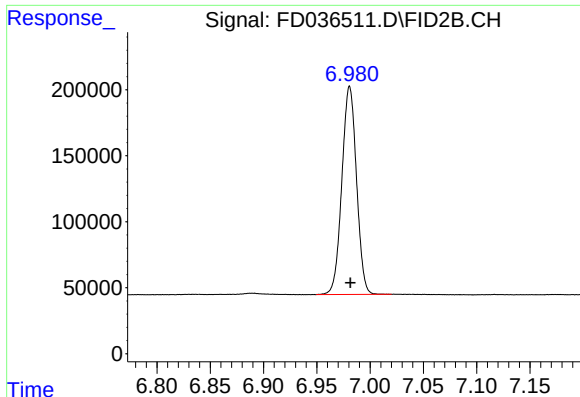
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 1474404
Conc: 10.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: -0.001 min
Response: 1339288
Conc: 10.15 ug/ml



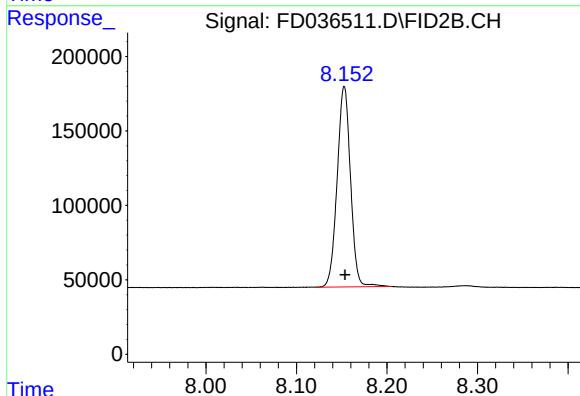
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 1508819
Conc: 10.11 ug/ml

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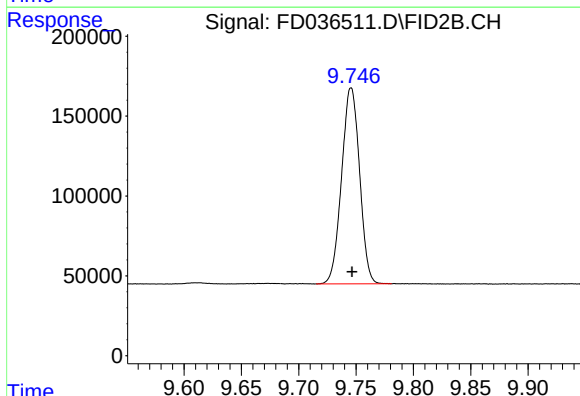
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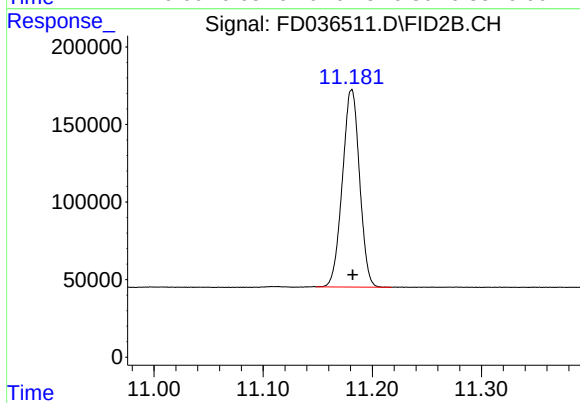
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 1382368
Conc: 10.26 ug/ml



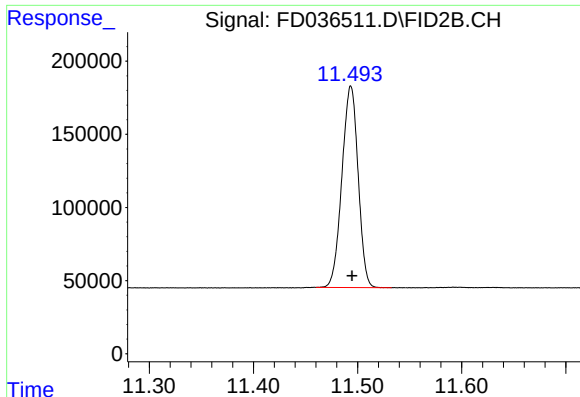
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.000 min
Response: 1341111
Conc: 10.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.000 min
Response: 1393077
Conc: 10.05 ug/ml



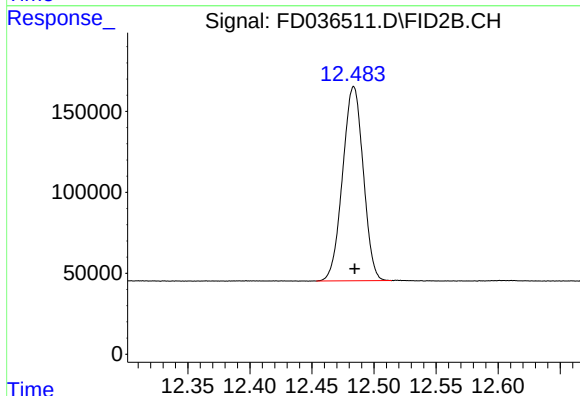
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: -0.001 min
Response: 1487977
Conc: 10.04 ug/ml

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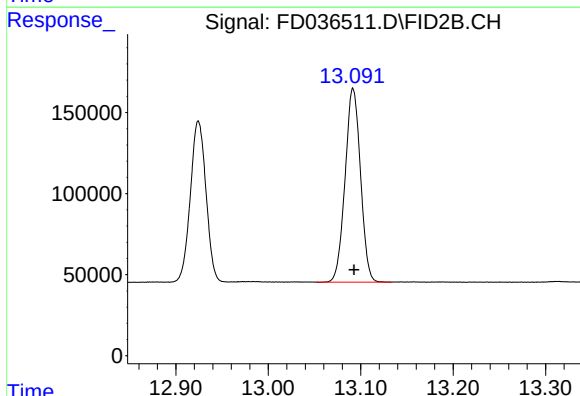
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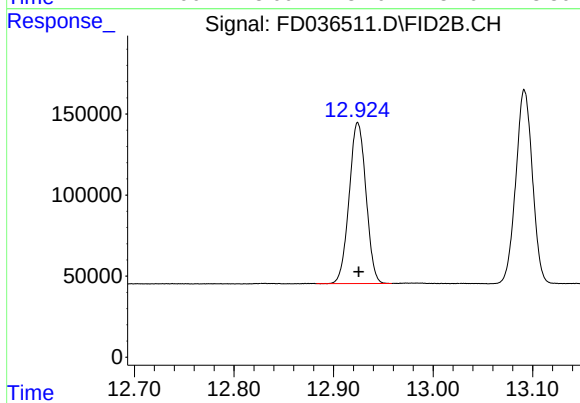
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.000 min
Response: 1387970
Conc: 10.01 ug/ml



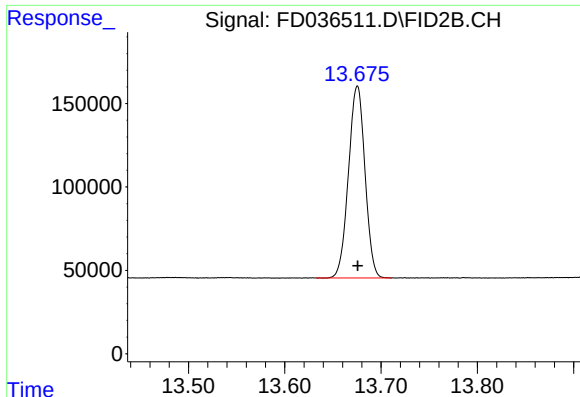
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: -0.001 min
Response: 1384519
Conc: 10.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: -0.001 min
Response: 1165615
Conc: 9.98 ug/ml



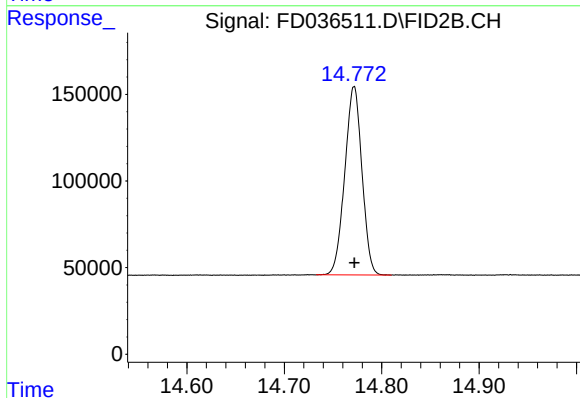
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.000 min
Response: 1364928
Conc: 10.00 ug/ml

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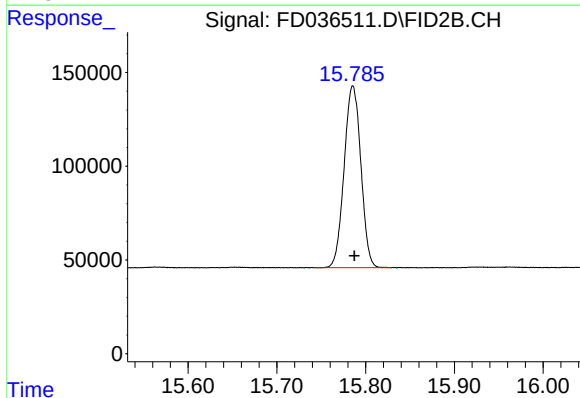
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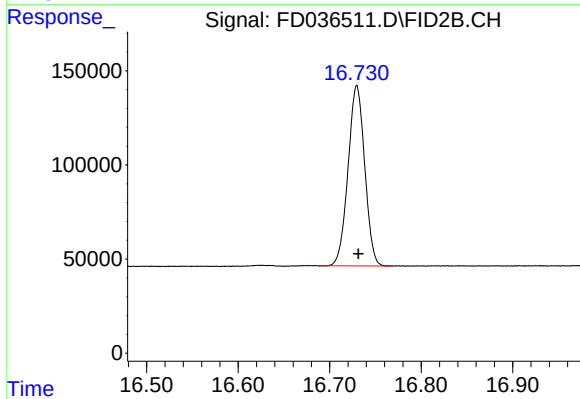
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.000 min
Response: 1331662
Conc: 10.01 ug/ml



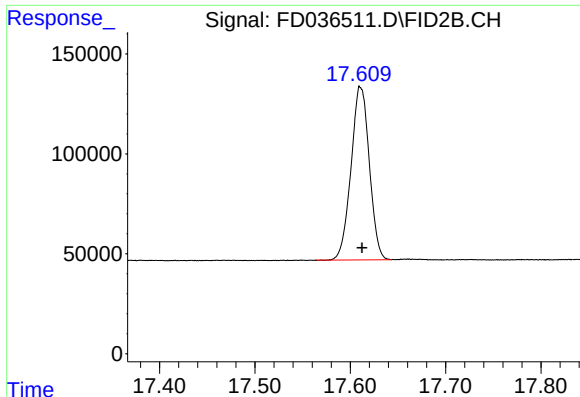
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: -0.002 min
Response: 1270191
Conc: 9.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: -0.002 min
Response: 1210861
Conc: 9.93 ug/ml



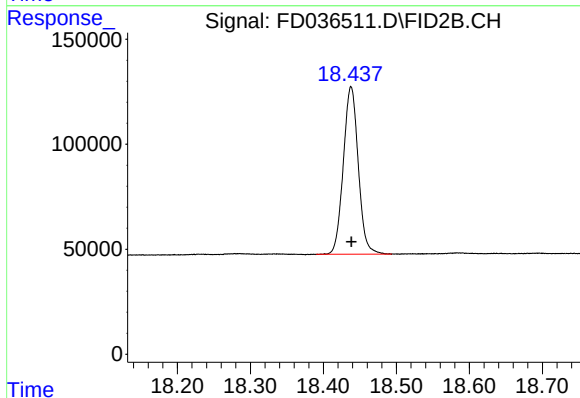
#17 n-Tricontane (C30)

R.T.: 17.611 min
Delta R.T.: -0.002 min
Response: 1156838
Conc: 9.95 ug/ml

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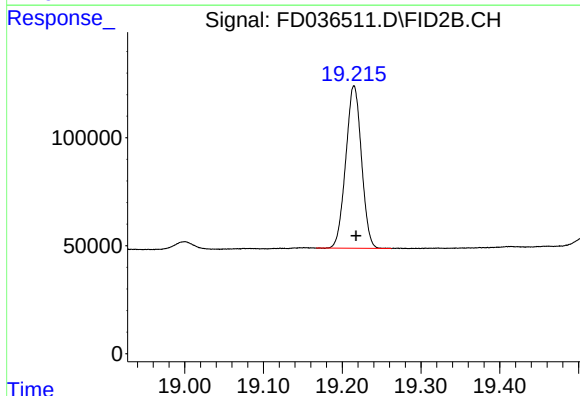
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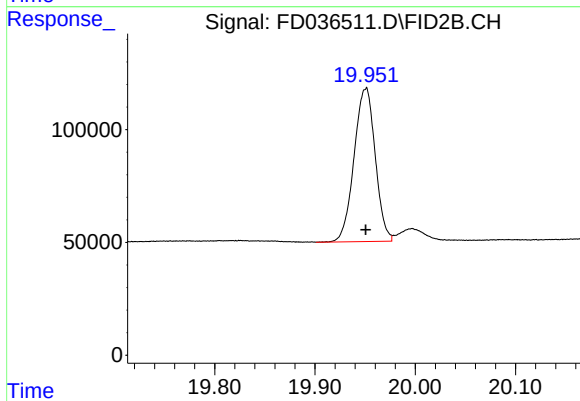
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 1136000
Conc: 10.30 ug/ml



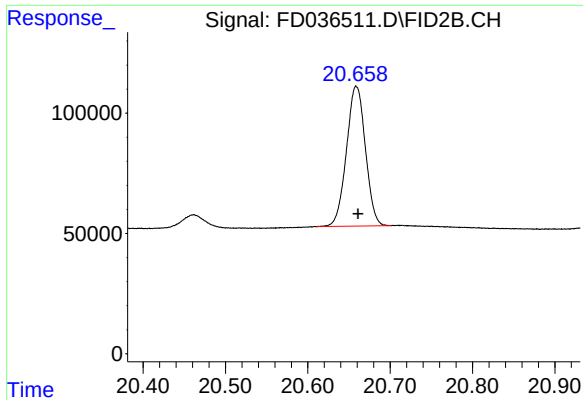
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: -0.003 min
Response: 1043413
Conc: 10.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.951 min
Delta R.T.: 0.000 min
Response: 998006
Conc: 10.45 ug/ml m



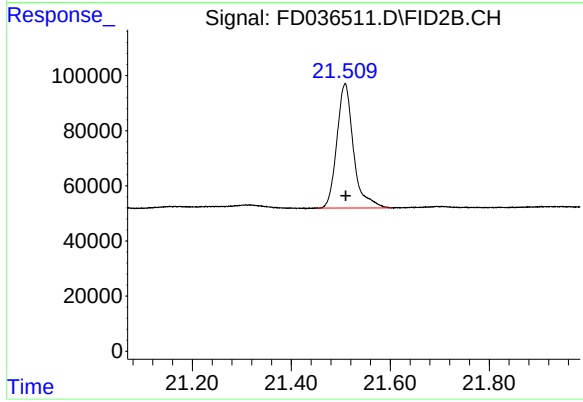
#21 n-Octatriacontane (C38)

R.T.: 20.659 min
Delta R.T.: -0.002 min
Response: 928580
Conc: 10.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: -0.001 min
Response: 1051934
Conc: 10.75 ug/ml