

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AL\
 Data File : FD036191.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2021 19:51
 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

Integration File: autoint1.e
 Quant Time: Feb 16 04:05:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 04:03:52 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)	11.509	1426234	10.147 ug/ml
Spiked Amount 50.000		Recovery =	20.29%
12) S 1-chlorooctadecane (S...	12.941	1140428	10.159 ug/ml
Spiked Amount 50.000		Recovery =	20.32%
Target Compounds			
1) T n-Nonane (C9)	3.305	1224970	10.202 ug/ml
2) T n-Decane (C10)	4.368	1234397	10.188 ug/ml
3) T A~Naphthalene (C11.7)	5.944	1389175	10.185 ug/ml
4) T n-Dodecane (C12)	6.379	1255970	10.181 ug/ml
5) T A~2-methylnaphthalene...	6.995	1417739	10.172 ug/ml
6) T n-Tetradecane (C14)	8.166	1278739	10.198 ug/ml
7) T n-Hexadecane (C16)	9.760	1256658	10.140 ug/ml
8) T n-Octadecane (C18)	11.196	1316724	10.141 ug/ml
10) T n-Eicosane (C20)	12.499	1339508	10.160 ug/ml
11) T n-Heneicosane (C21)	13.108	1349786	10.221 ug/ml
13) T n-Docosane (C22)	13.691	1349108	10.185 ug/ml
14) T n-Tetracosane (C24)	14.788	1359875	10.188 ug/ml
15) T n-Hexacosane (C26)	15.804	1356915	10.176 ug/ml
16) T n-Octacosane (C28)	16.748	1365029	10.205 ug/ml
17) T n-Tricontane (C30)	17.629	1371067	10.260 ug/ml
18) T n-Dotriacontane (C32)	18.456	1347711	10.303 ug/ml
19) T n-Tetratriacontane (C34)	19.235	1326454	10.282 ug/ml
20) T n-Hexatriacontane (C36)	19.969	1267734	10.255 ug/ml
21) T n-Octatriacontane (C38)	20.681	1200876	10.334 ug/ml
22) T n-Tetracontane (C40)	21.536	1197854	10.258 ug/ml

(f)=RT Delta > 1/2 Window

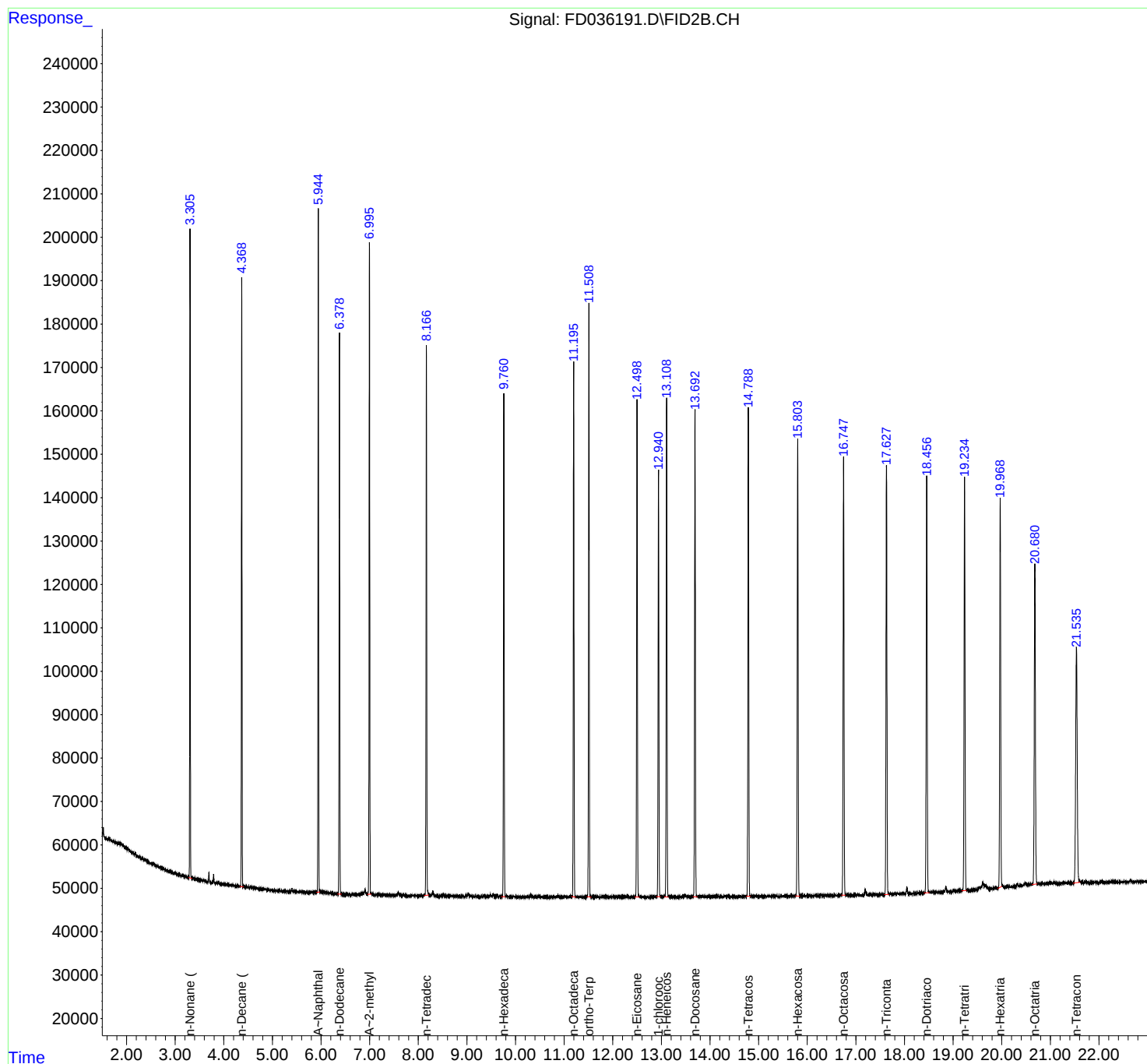
(m)=manual int.

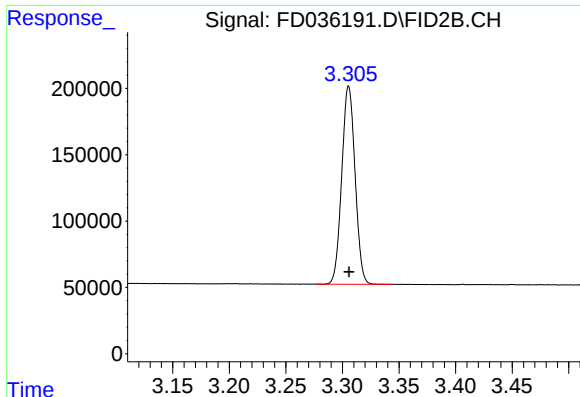
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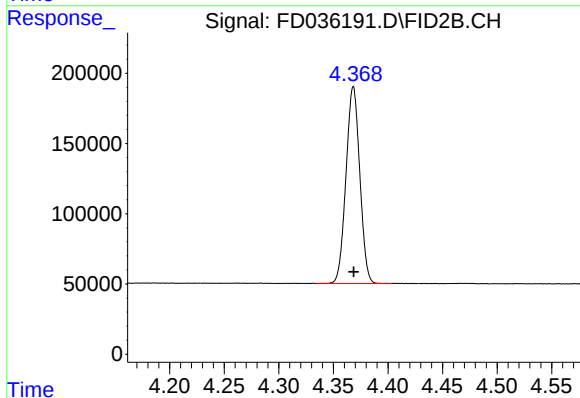




#1 n-Nonane (C9)

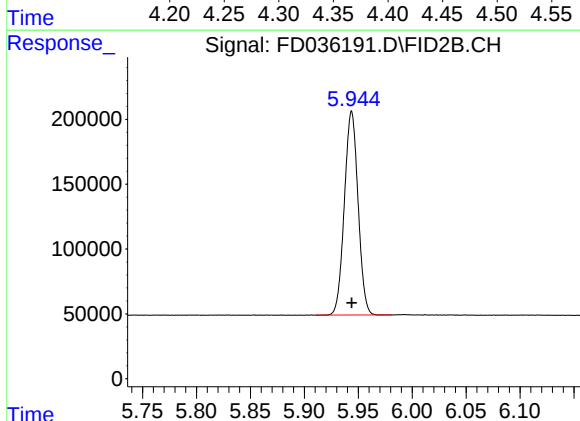
R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 1224970
Conc: 10.20 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



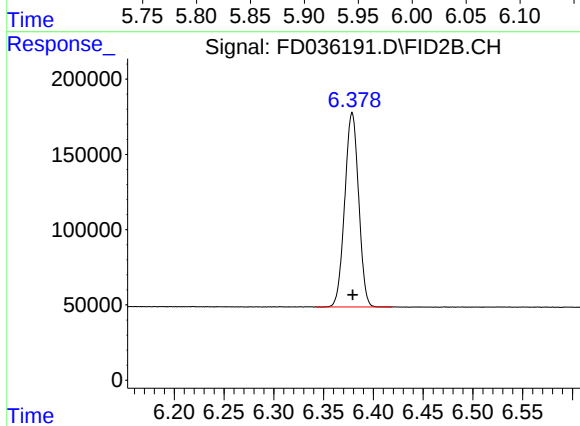
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1234397
Conc: 10.19 ug/ml



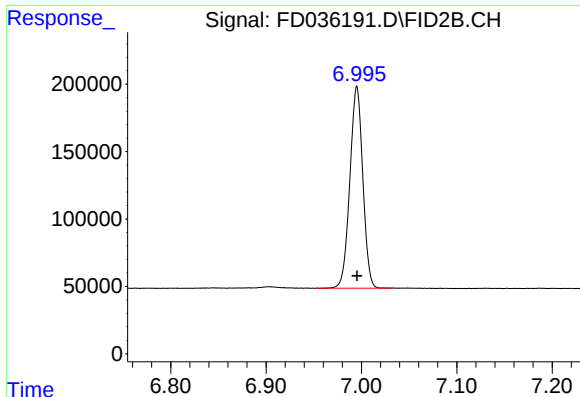
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 1389175
Conc: 10.18 ug/ml



#4 n-Dodecane (C12)

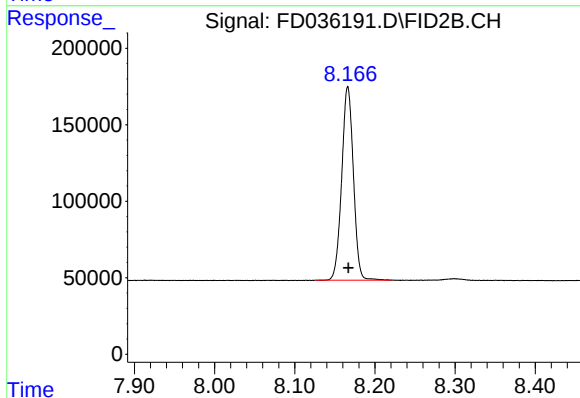
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 1255970
Conc: 10.18 ug/ml



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

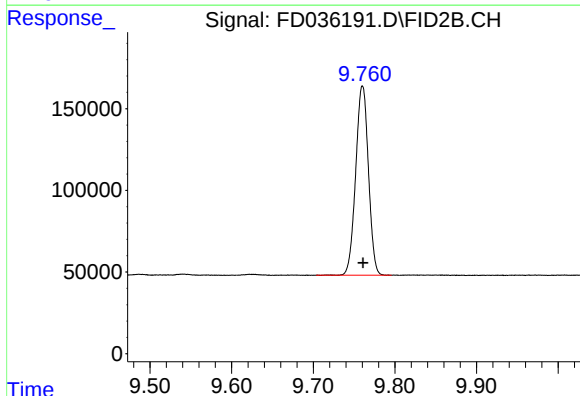
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1417739
Conc: 10.17 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



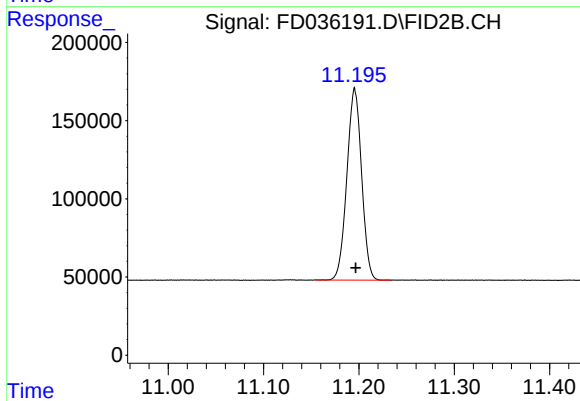
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 1278739
Conc: 10.20 ug/ml



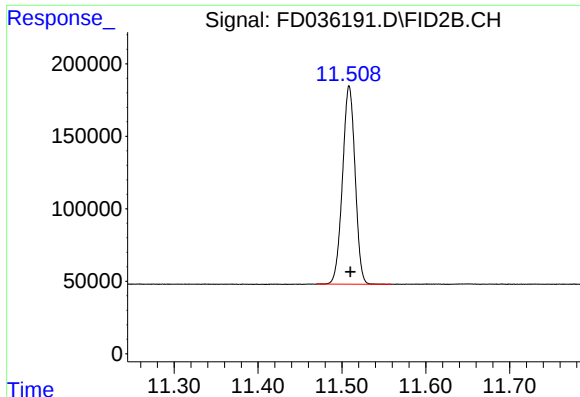
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 1256658
Conc: 10.14 ug/ml



#8 n-Octadecane (C18)

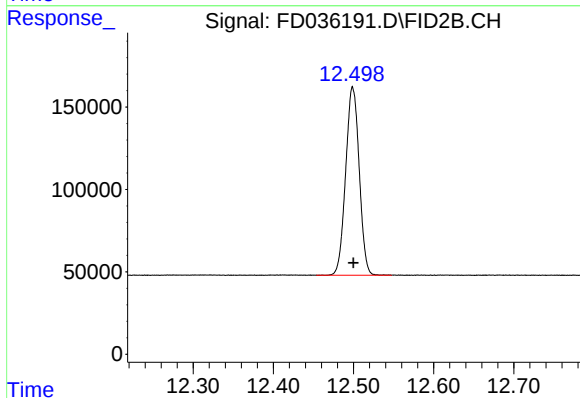
R.T.: 11.196 min
Delta R.T.: -0.001 min
Response: 1316724
Conc: 10.14 ug/ml



#9 ortho-Terphenyl (SURR)

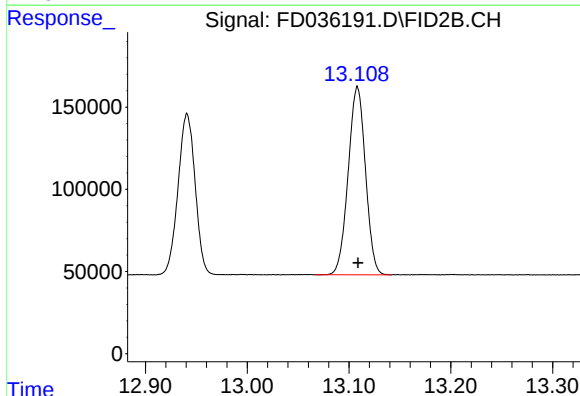
R.T.: 11.509 min
Delta R.T.: -0.001 min
Response: 1426234
Conc: 10.15 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



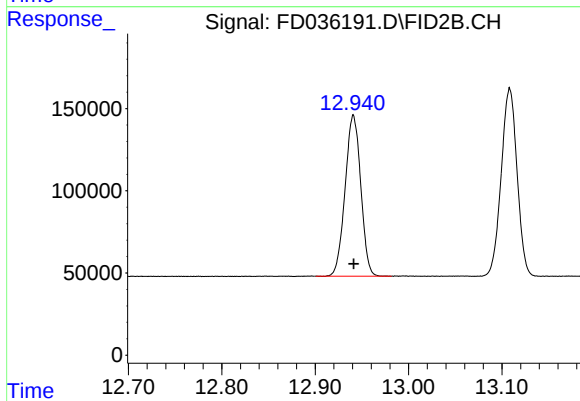
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.001 min
Response: 1339508
Conc: 10.16 ug/ml



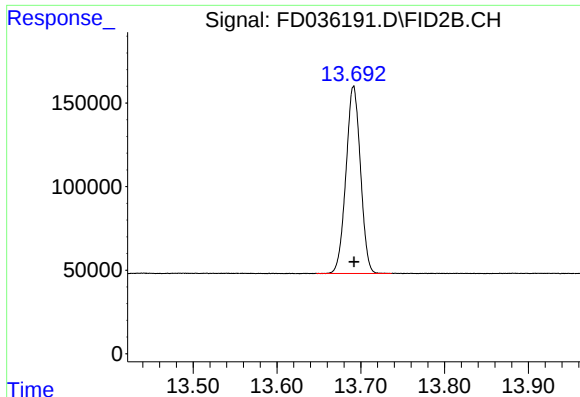
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.000 min
Response: 1349786
Conc: 10.22 ug/ml



#12 1-chlorooctadecane (SURR)

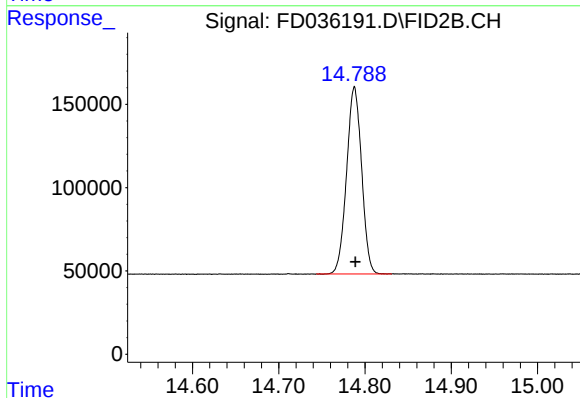
R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 1140428
Conc: 10.16 ug/ml



#13 n-Docosane (C22)

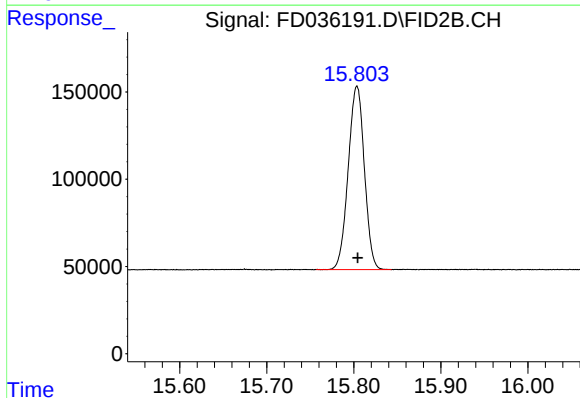
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 1349108
Conc: 10.18 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



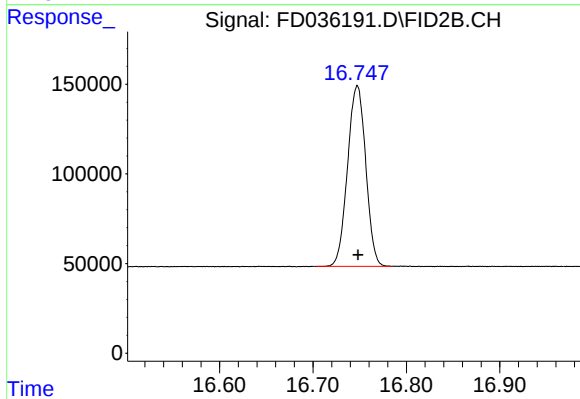
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.001 min
Response: 1359875
Conc: 10.19 ug/ml



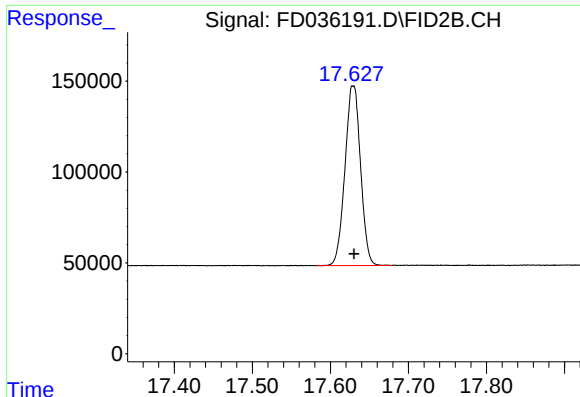
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.000 min
Response: 1356915
Conc: 10.18 ug/ml



#16 n-Octacosane (C28)

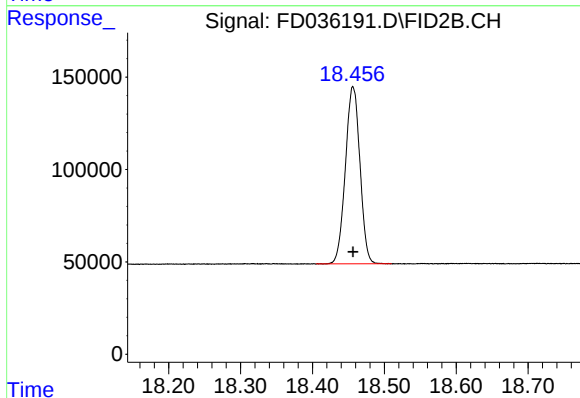
R.T.: 16.748 min
Delta R.T.: 0.000 min
Response: 1365029
Conc: 10.20 ug/ml



#17 n-Tricontane (C30)

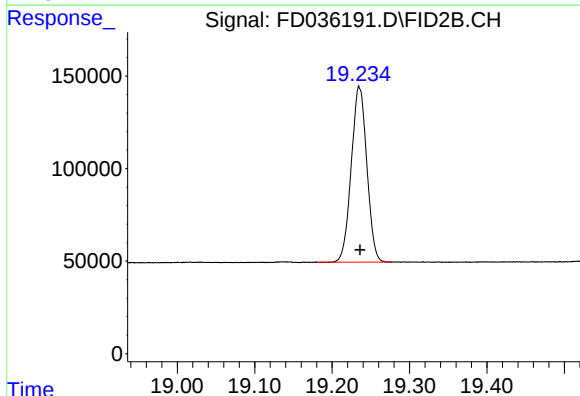
R.T.: 17.629 min
Delta R.T.: -0.001 min
Response: 1371067
Conc: 10.26 ug/ml

Instrument :
FID_D
ClientSampleId :
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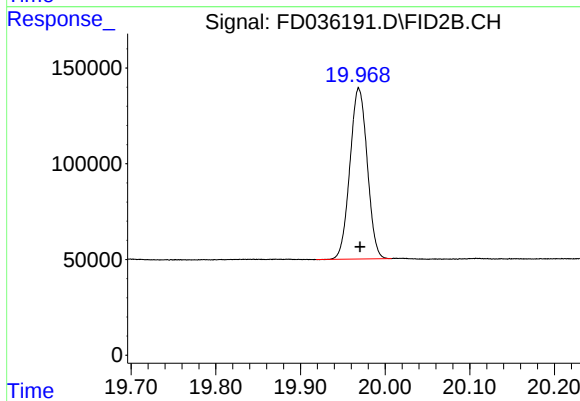
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: 0.000 min
Response: 1347711
Conc: 10.30 ug/ml



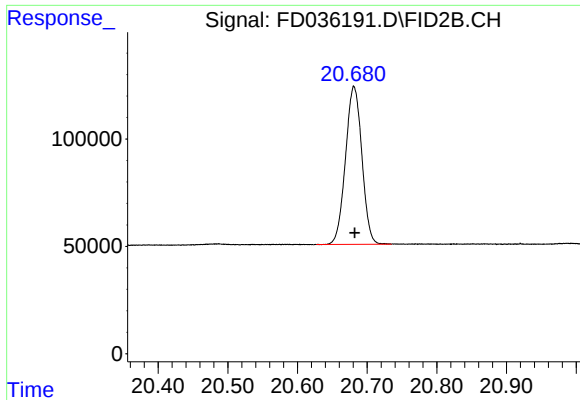
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.000 min
Response: 1326454
Conc: 10.28 ug/ml



#20 n-Hexatriacontane (C36)

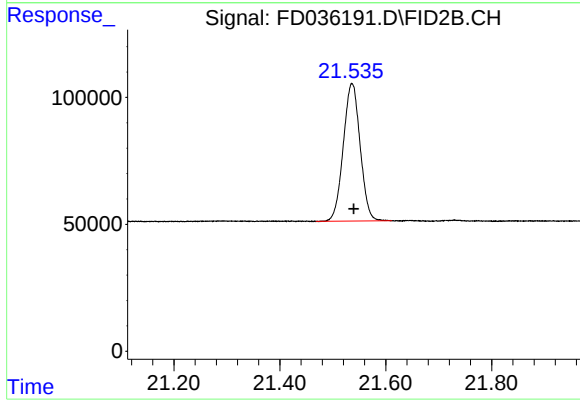
R.T.: 19.969 min
Delta R.T.: -0.002 min
Response: 1267734
Conc: 10.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.001 min
Response: 1200876
Conc: 10.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.536 min
Delta R.T.: -0.004 min
Response: 1197854
Conc: 10.26 ug/ml