

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AL\
 Data File : FD038389.D
 Signal(s) : FID2B.CH
 Acq On : 03 Aug 2021 18:41
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

mohammad
 8/4/2021 12:52:50 PM

Integration File: autoint1.e
 Quant Time: Aug 04 02:39:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:34:59 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)	11.369	1375661	10.273 ug/ml
Spiked Amount 50.000		Recovery =	20.55%
12) S 1-chlorooctadecane (S...	12.805	1083701	10.251 ug/ml
Spiked Amount 50.000		Recovery =	20.50%
Target Compounds			
1) T n-Nonane (C9)	3.198	1174656	10.089 ug/ml
2) T n-Decane (C10)	4.249	1177612	10.075 ug/ml
3) T A~Naphthalene (C11.7)	5.814	1294767	9.966 ug/ml
4) T n-Dodecane (C12)	6.251	1186665	10.118 ug/ml
5) T A~2-methylnaphthalene...	6.864	1299606	9.972 ug/ml
6) T n-Tetradecane (C14)	8.036	1208407	10.179 ug/ml
7) T n-Hexadecane (C16)	9.628	1225724	10.225 ug/ml
8) T n-Octadecane (C18)	11.062	1266403	10.251 ug/ml
10) T n-Eicosane (C20)	12.365	1275719	10.294 ug/ml
11) T n-Heneicosane (C21)	12.974	1290501	10.280 ug/ml
13) T n-Docosane (C22)	13.557	1289421	10.293 ug/ml
14) T n-Tetracosane (C24)	14.654	1304086	10.276 ug/ml
15) T n-Hexacosane (C26)	15.670	1294863	10.272 ug/ml
16) T n-Octacosane (C28)	16.616	1302512	10.269 ug/ml
17) T n-Tricontane (C30)	17.499	1296692	10.256 ug/ml
18) T n-Dotriacontane (C32)	18.327	1263744	10.249 ug/ml
19) T n-Tetratriacontane (C34)	19.106	1231889	10.117 ug/mlm
20) T n-Hexatriacontane (C36)	19.843	1151011	10.120 ug/ml
21) T n-Octatriacontane (C38)	20.545	1059740	10.062 ug/ml
22) T n-Tetracontane (C40)	21.356	1025708	10.056 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 6 Sample Multiplier: 1

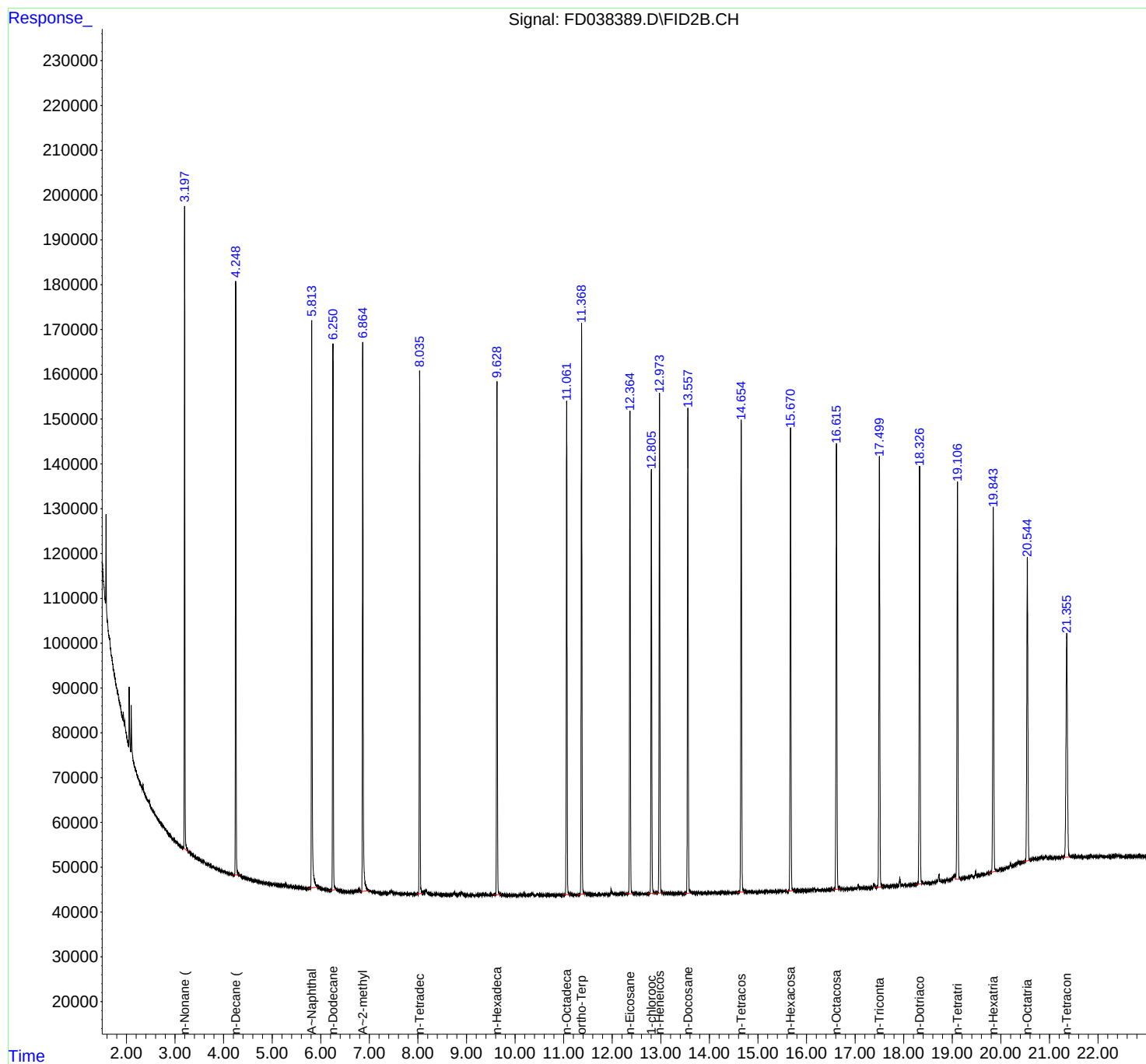
Instrument :
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10 PPM ALIPHATIC HC STD4

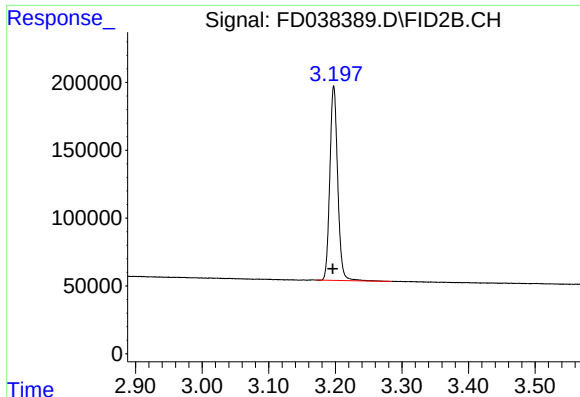
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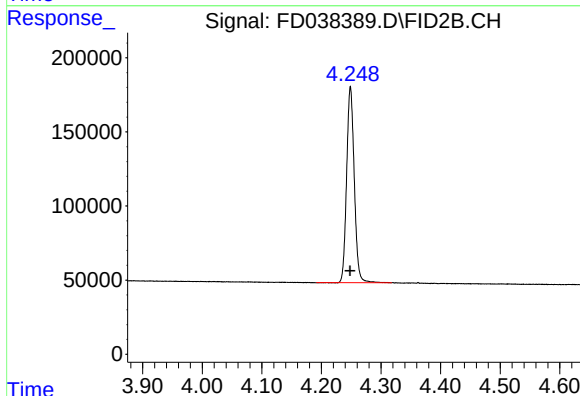
#1 n-Nonane (C9)

R.T.: 3.198 min
Delta R.T.: 0.002 min
Response: 1174656
Conc: 10.09 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4

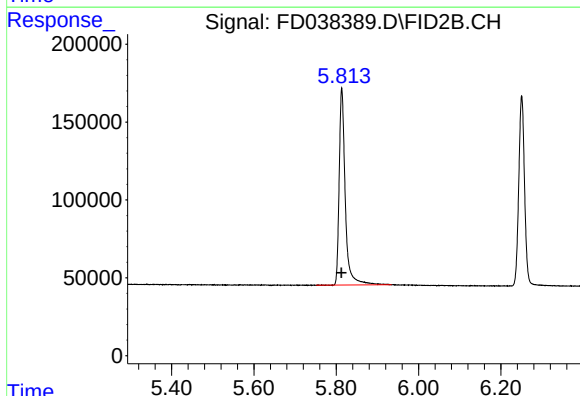
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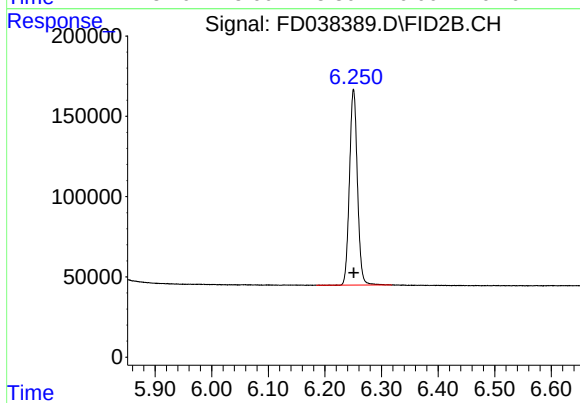
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 1177612
Conc: 10.07 ug/ml



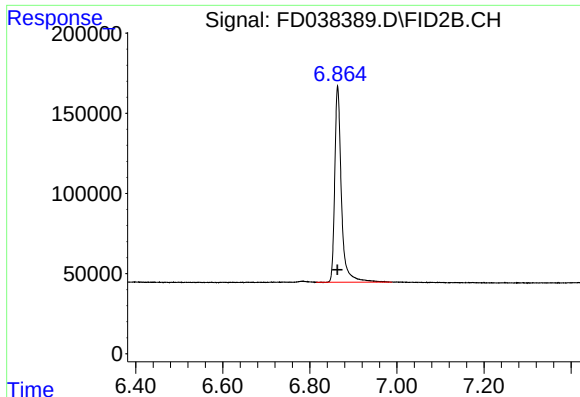
#3 A~Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.001 min
Response: 1294767
Conc: 9.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1186665
Conc: 10.12 ug/ml



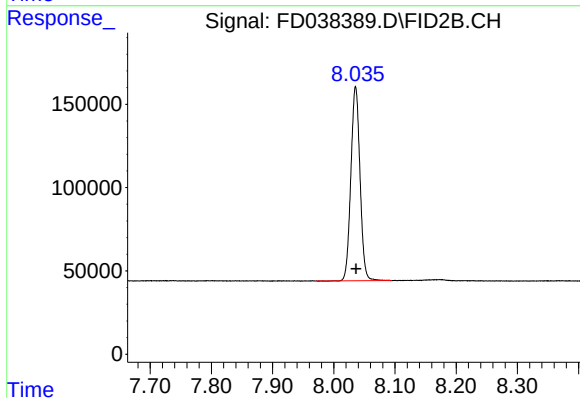
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.001 min
Response: 1299606
Conc: 9.97 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4

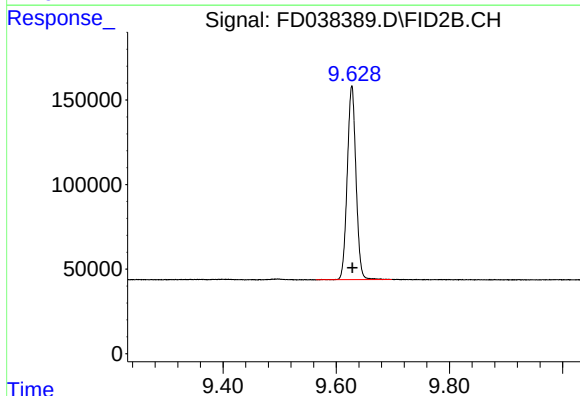
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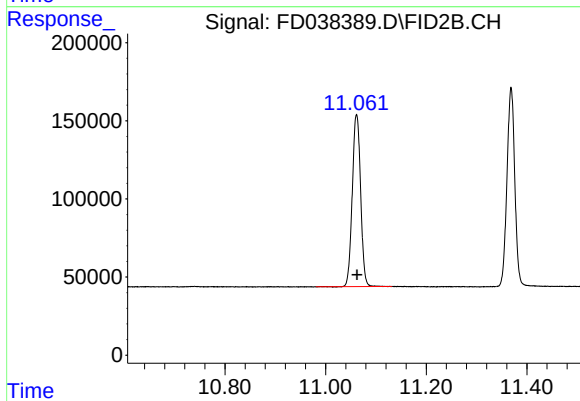
#6 n-Tetradecane (C14)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 1208407
Conc: 10.18 ug/ml



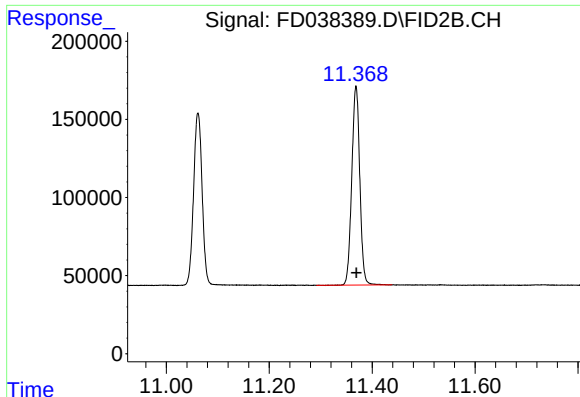
#7 n-Hexadecane (C16)

R.T.: 9.628 min
Delta R.T.: 0.000 min
Response: 1225724
Conc: 10.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.062 min
Delta R.T.: 0.000 min
Response: 1266403
Conc: 10.25 ug/ml



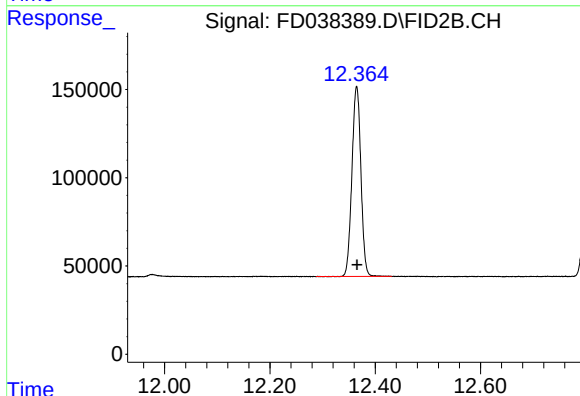
#9 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 1375661
Conc: 10.27 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4

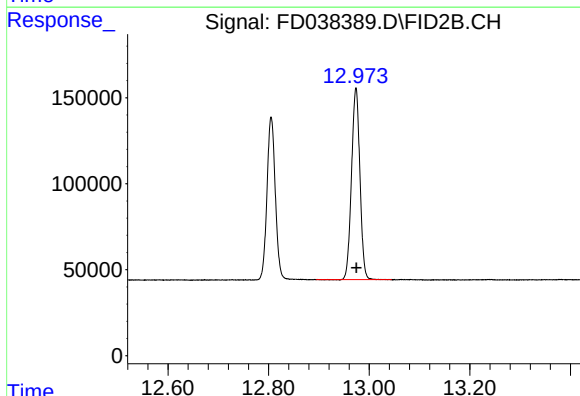
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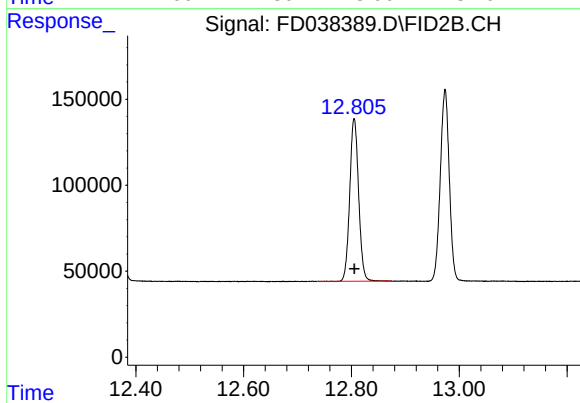
#10 n-Eicosane (C20)

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 1275719
Conc: 10.29 ug/ml



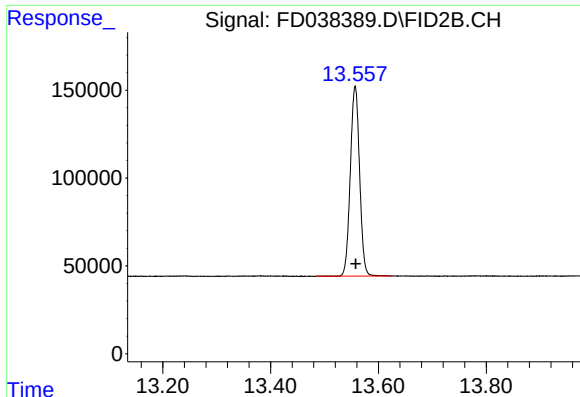
#11 n-Heneicosane (C21)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 1290501
Conc: 10.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.805 min
Delta R.T.: 0.000 min
Response: 1083701
Conc: 10.25 ug/ml



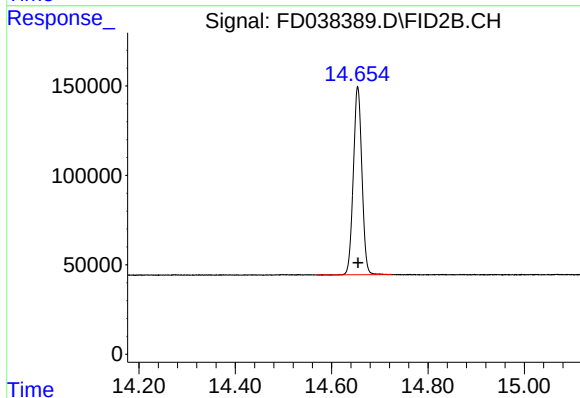
#13 n-Docosane (C22)

R.T.: 13.557 min
Delta R.T.: -0.001 min
Response: 1289421
Conc: 10.29 ug/ml

Instrument :
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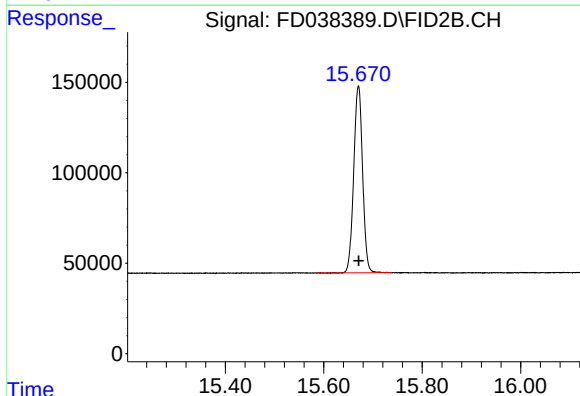
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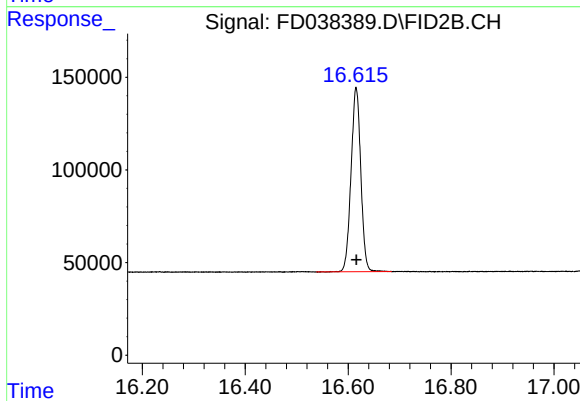
#14 n-Tetracosane (C24)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 1304086
Conc: 10.28 ug/ml



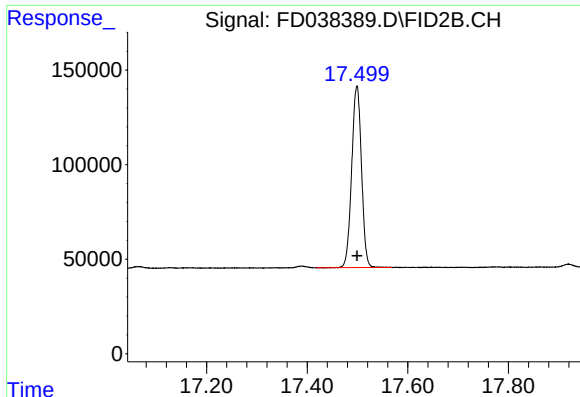
#15 n-Hexacosane (C26)

R.T.: 15.670 min
Delta R.T.: 0.000 min
Response: 1294863
Conc: 10.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 1302512
Conc: 10.27 ug/ml



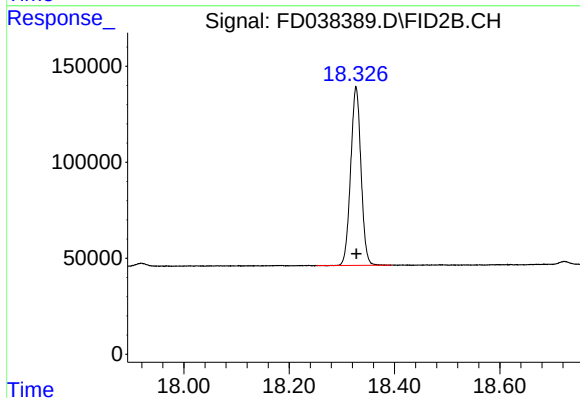
#17 n-Tricontane (C30)

R.T.: 17.499 min
Delta R.T.: 0.000 min
Response: 1296692
Conc: 10.26 ug/ml

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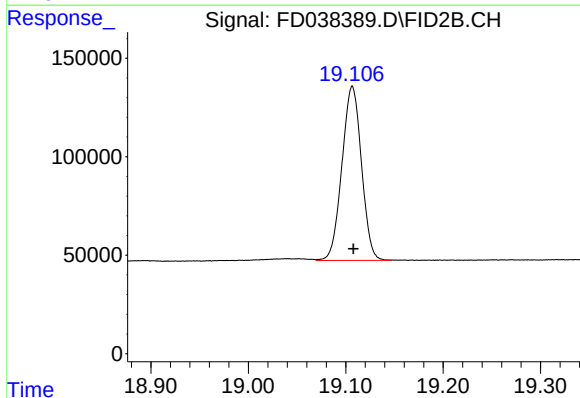
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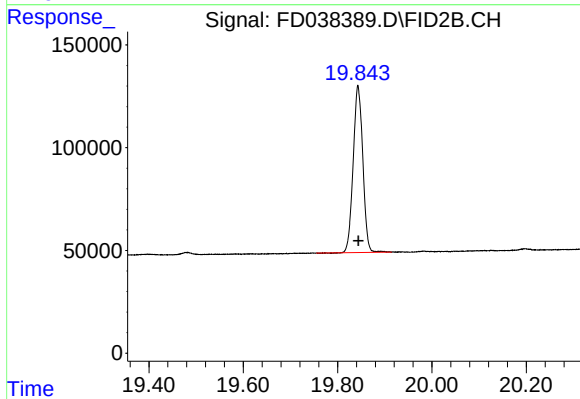
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: 0.000 min
Response: 1263744
Conc: 10.25 ug/ml



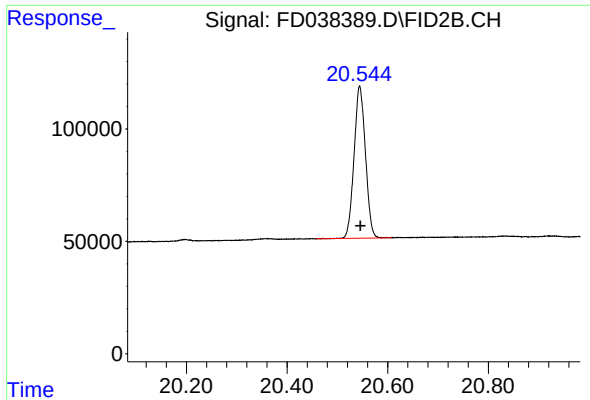
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: -0.001 min
Response: 1231889
Conc: 10.12 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.843 min
Delta R.T.: 0.000 min
Response: 1151011
Conc: 10.12 ug/ml



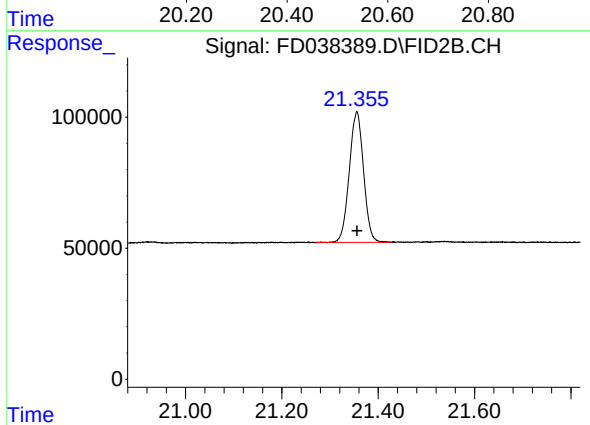
#21 n-Octatriacontane (C38)

R.T.: 20.545 min
Delta R.T.: -0.001 min
Response: 1059740
Conc: 10.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.356 min
Delta R.T.: 0.000 min
Response: 1025708
Conc: 10.06 ug/ml