

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AL\
 Data File : FD044541.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2022 01:45
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2022
 Supervised By :Ankita Jodhani 11/29/2022

Integration File: autoint1.e
 Quant Time: Nov 29 03:54:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 03:47:30 2022
 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)	11.572	1548114	10.473 ug/ml
Spiked Amount 50.000		Recovery =	20.95%
12) S 1-chlorooctadecane (S...	12.997	1183388	10.450 ug/ml
Spiked Amount 50.000		Recovery =	20.90%
Target Compounds			
1) T n-Nonane (C9)	3.396	1379665	10.466 ug/ml
2) T n-Decane (C10)	4.453	1356363	10.456 ug/ml
3) T A~Naphthalene (C11.7)	6.027	1575470	10.450 ug/ml
4) T n-Dodecane (C12)	6.454	1376998	10.442 ug/ml
5) T A~2-methylnaphthalene...	7.074	1498678	10.471 ug/ml
6) T n-Tetradecane (C14)	8.235	1397734	10.468 ug/ml
7) T n-Hexadecane (C16)	9.825	1424656	10.482 ug/ml
8) T n-Octadecane (C18)	11.256	1429652	10.514 ug/ml
10) T n-Eicosane (C20)	12.556	1374098	10.483 ug/ml
11) T n-Heneicosane (C21)	13.163	1378804	10.508 ug/ml
13) T n-Docosane (C22)	13.744	1359092	10.512 ug/ml
14) T n-Tetracosane (C24)	14.839	1333012	10.495 ug/ml
15) T n-Hexacosane (C26)	15.851	1286193	10.470 ug/ml
16) T n-Octacosane (C28)	16.793	1256909	10.514 ug/ml
17) T n-Tricontane (C30)	17.673	1230311	10.540 ug/ml
18) T n-Dotriacontane (C32)	18.498	1218298	10.532 ug/ml
19) T n-Tetratriacontane (C34)	19.276	1199689	10.479 ug/ml
20) T n-Hexatriacontane (C36)	20.008	1148329	10.428 ug/mlm
21) T n-Octatriacontane (C38)	20.723	1147268	10.421 ug/ml
22) T n-Tetracontane (C40)	21.596	1153344	10.453 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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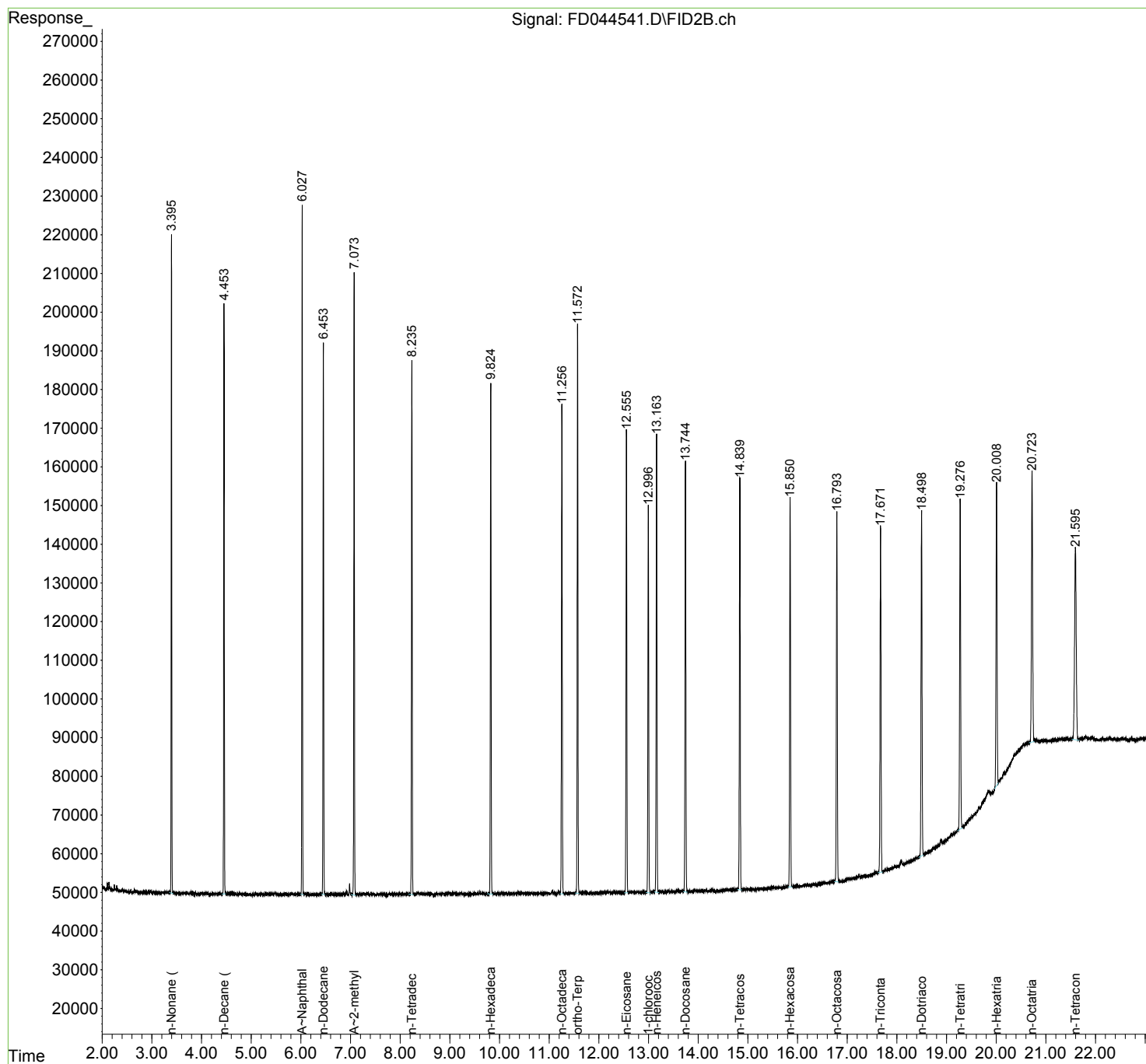
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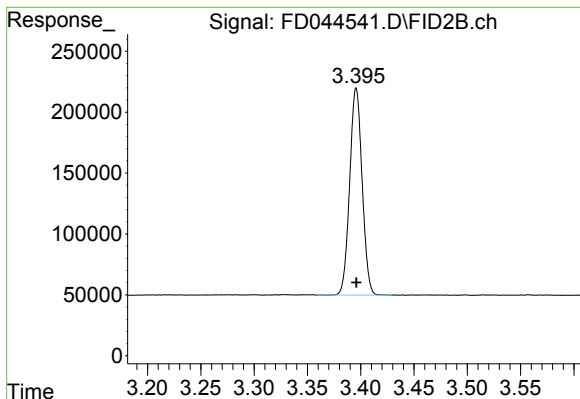
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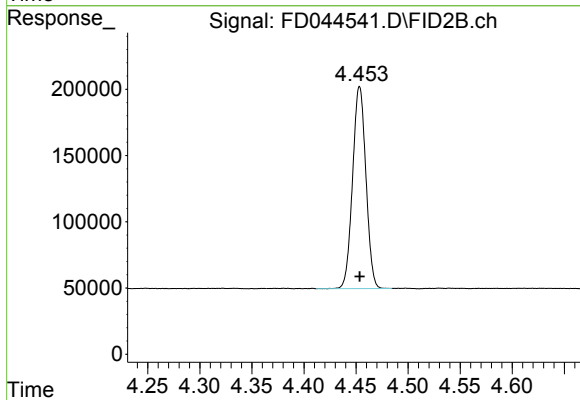
#1 n-Nonane (C9)

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1379665
Conc: 10.47 ug/ml

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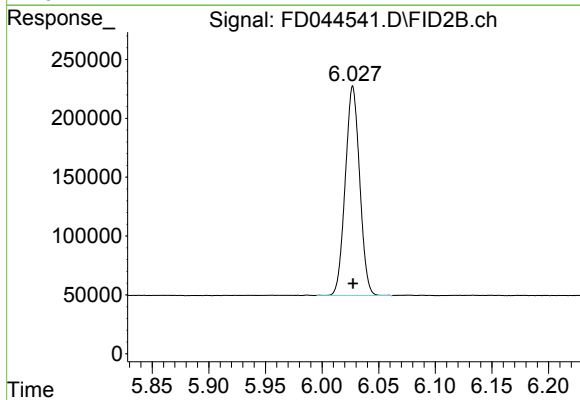
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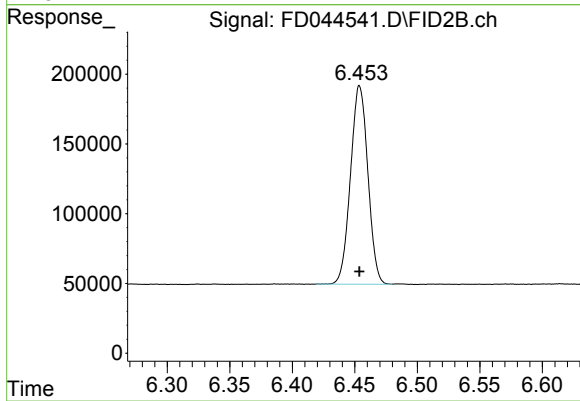
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 1356363
Conc: 10.46 ug/ml



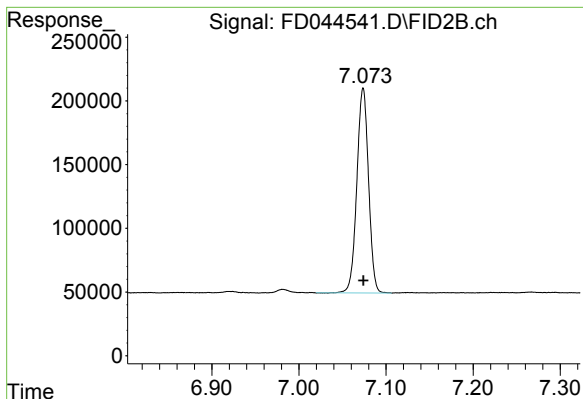
#3 A~Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 1575470
Conc: 10.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 1376998
Conc: 10.44 ug/ml



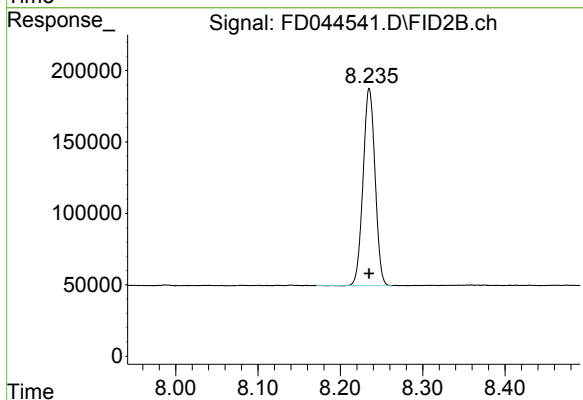
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 1498678
Conc: 10.47 ug/ml

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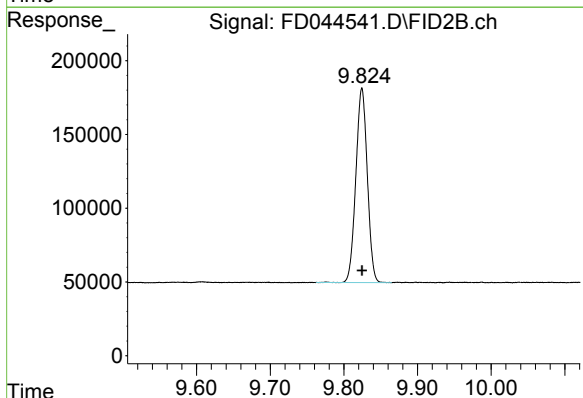
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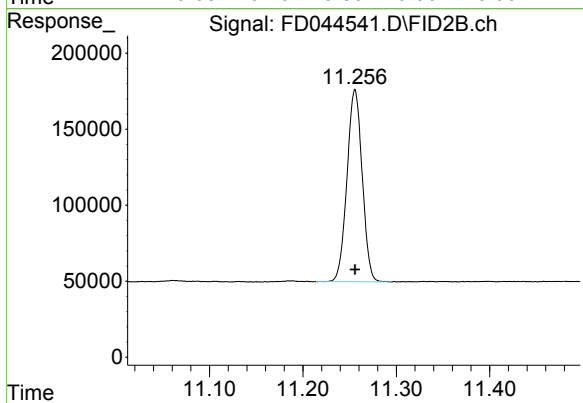
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 1397734
Conc: 10.47 ug/ml



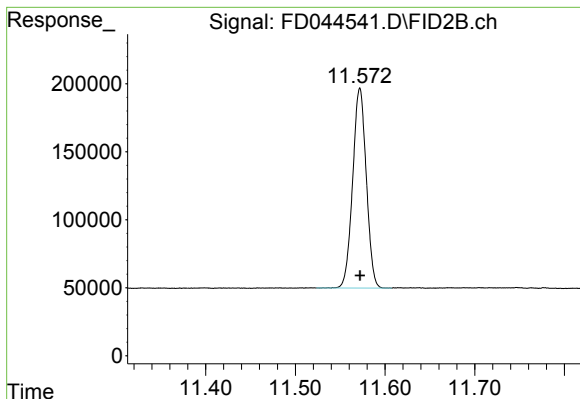
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.000 min
Response: 1424656
Conc: 10.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: 0.000 min
Response: 1429652
Conc: 10.51 ug/ml



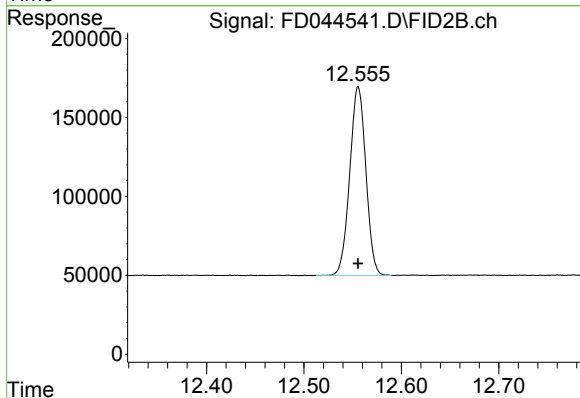
#9 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 1548114
Conc: 10.47 ug/ml

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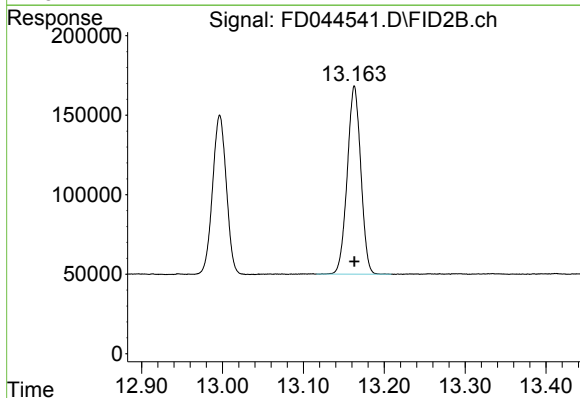
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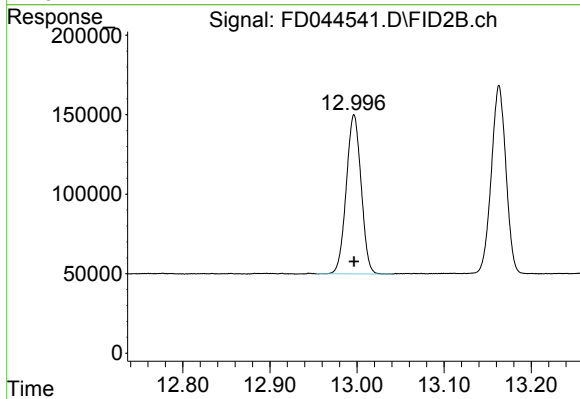
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.000 min
Response: 1374098
Conc: 10.48 ug/ml



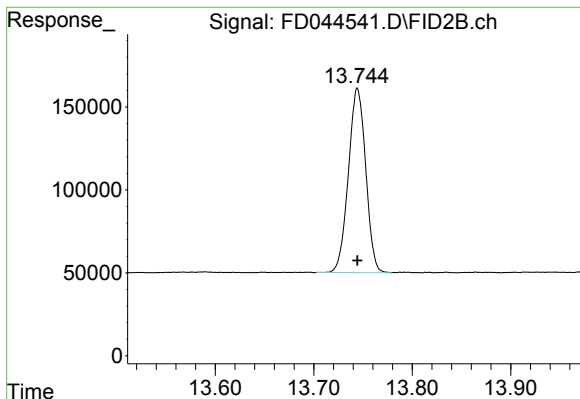
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: 0.000 min
Response: 1378804
Conc: 10.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 1183388
Conc: 10.45 ug/ml



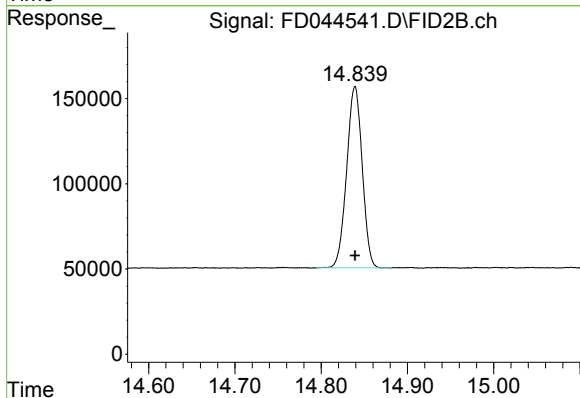
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: 0.000 min
Response: 1359092
Conc: 10.51 ug/ml

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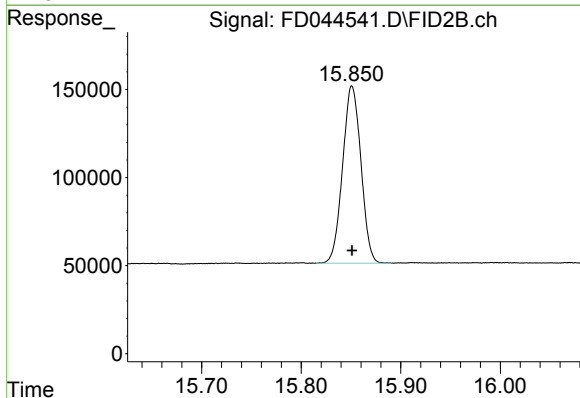
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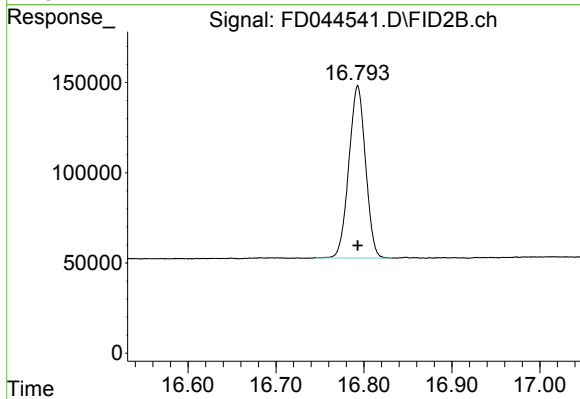
#14 n-Tetracosane (C24)

R.T.: 14.839 min
Delta R.T.: 0.000 min
Response: 1333012
Conc: 10.49 ug/ml



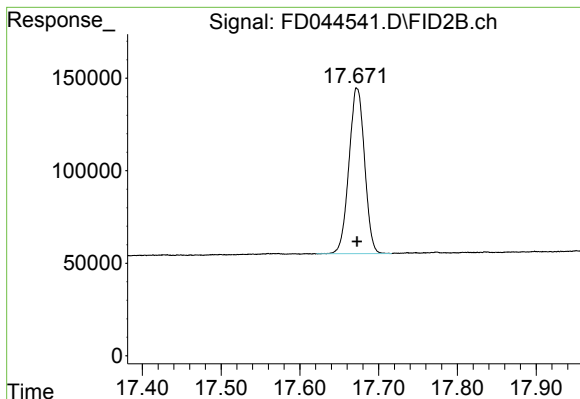
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: 0.000 min
Response: 1286193
Conc: 10.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.793 min
Delta R.T.: 0.000 min
Response: 1256909
Conc: 10.51 ug/ml



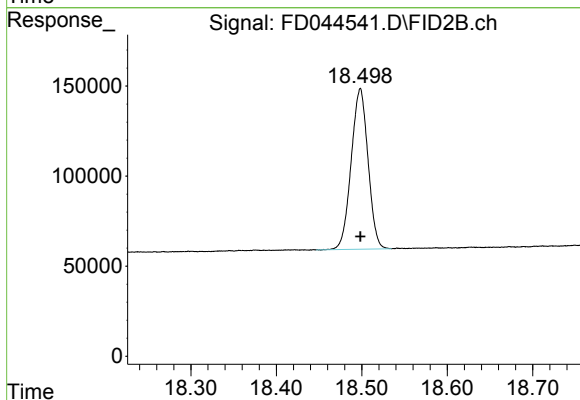
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: 0.000 min
Response: 1230311
Conc: 10.54 ug/ml

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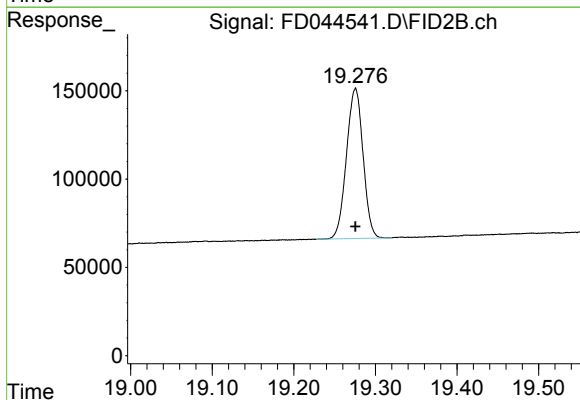
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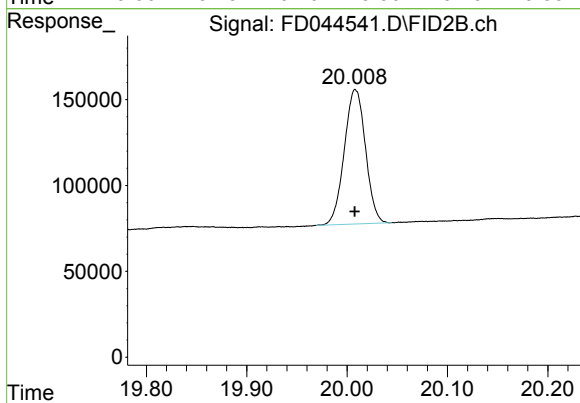
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.000 min
Response: 1218298
Conc: 10.53 ug/ml



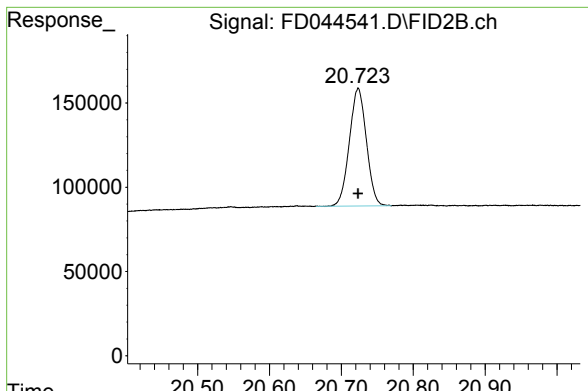
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.000 min
Response: 1199689
Conc: 10.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: 0.000 min
Response: 1148329
Conc: 10.43 ug/ml m



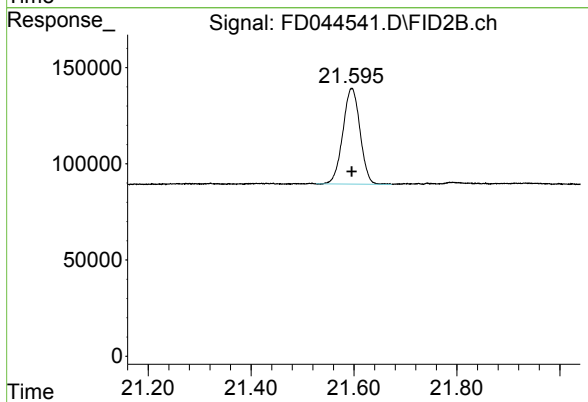
#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.000 min
Response: 1147268
Conc: 10.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 1153344
Conc: 10.45 ug/ml