

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014197.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 01:48
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 04:40:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:40:12 2024
 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)	11.840	1451926	10.306 ug/ml
Spiked Amount 50.000		Recovery =	20.61%
12) S 1-chlorooctadecane (S...	13.282	1029853	10.154 ug/ml
Spiked Amount 50.000		Recovery =	20.31%
Target Compounds			
1) T n-Nonane (C9)	3.241	1334912	10.249 ug/ml
2) T n-Decane (C10)	4.490	1357186	10.242 ug/ml
3) T A~Naphthalene (C11.7)	6.185	1331362	10.003 ug/ml
4) T n-Dodecane (C12)	6.653	1360795	10.242 ug/ml
5) T A~2-methylnaphthalene...	7.278	1202690	9.871 ug/ml
6) T n-Tetradecane (C14)	8.479	1315193	10.181 ug/ml
7) T n-Hexadecane (C16)	10.085	1332196	10.177 ug/ml
8) T n-Octadecane (C18)	11.528	1362840	10.235 ug/mlm
10) T n-Eicosane (C20)	12.839	1310047	10.259 ug/ml
11) T n-Heneicosane (C21)	13.451	1283784	10.272 ug/ml
13) T n-Docosane (C22)	14.038	1262292	10.252 ug/ml
14) T n-Tetracosane (C24)	15.141	1231559	10.199 ug/ml
15) T n-Hexacosane (C26)	16.163	1188937	10.214 ug/ml
16) T n-Octacosane (C28)	17.114	1144314	10.185 ug/ml
17) T n-Tricontane (C30)	18.002	1142124	10.170 ug/ml
18) T n-Dotriacontane (C32)	18.835	1107935	10.173 ug/ml
19) T n-Tetratriacontane (C34)	19.617	1054445	10.122 ug/ml
20) T n-Hexatriacontane (C36)	20.358	993273	10.020 ug/ml
21) T n-Octatriacontane (C38)	21.083	955511	9.901 ug/ml
22) T n-Tetracontane (C40)	21.967	920834	9.815 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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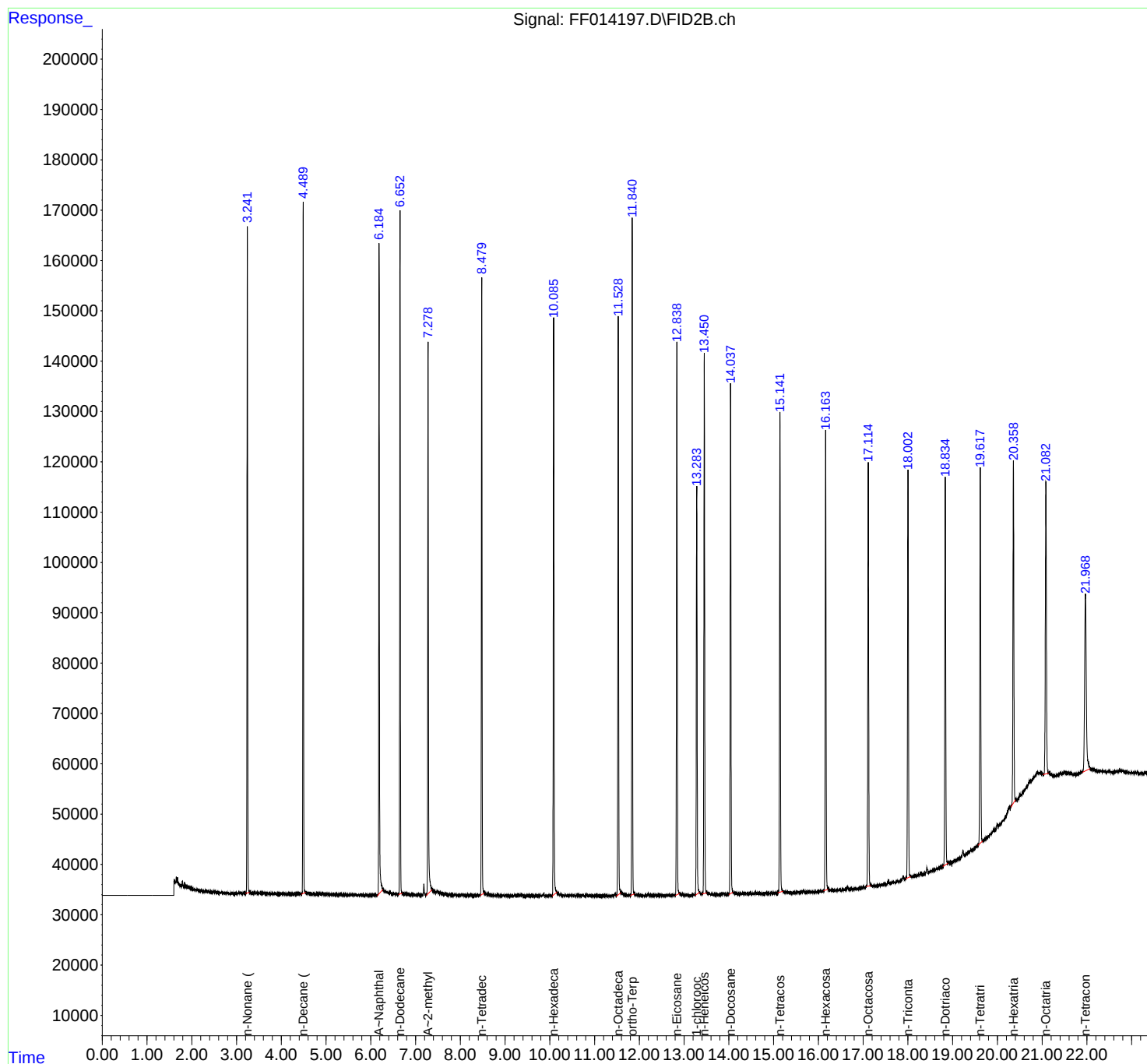
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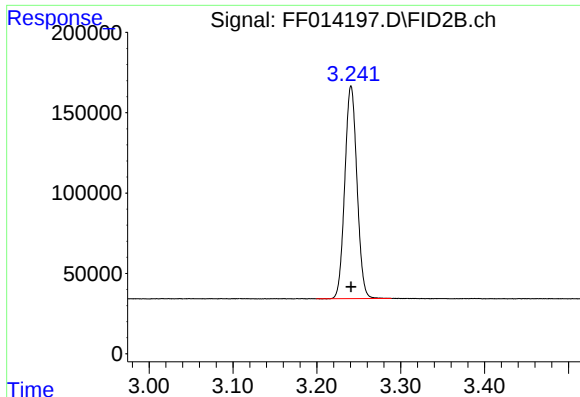
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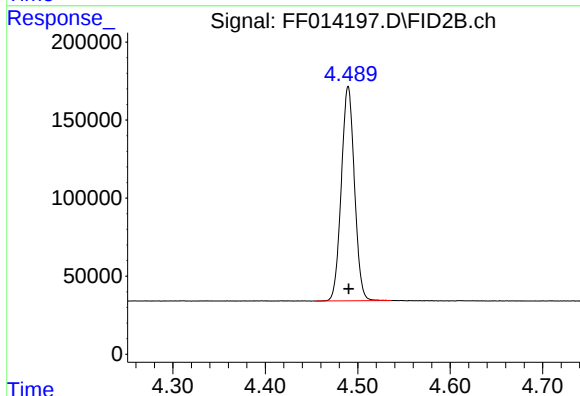
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 1334912
Conc: 10.25 ug/ml

Instrument :
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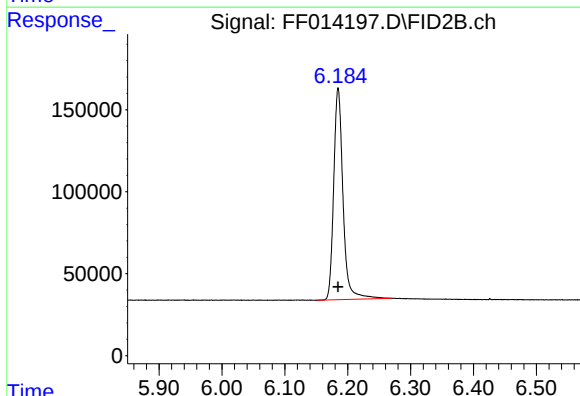
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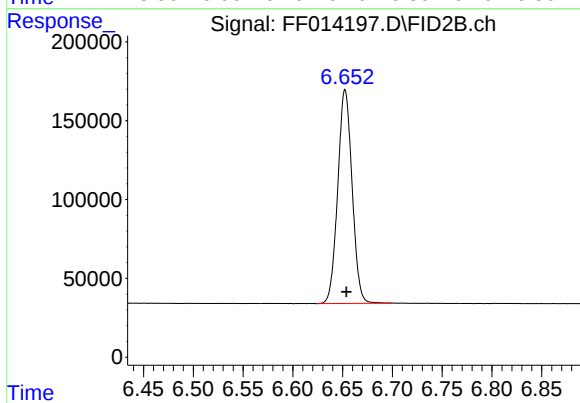
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 1357186
Conc: 10.24 ug/ml



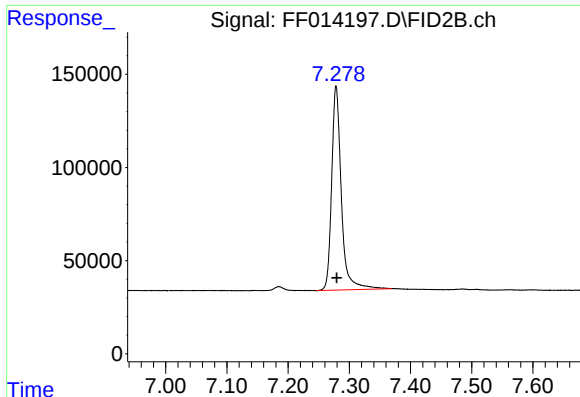
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 1331362
Conc: 10.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.653 min
Delta R.T.: -0.001 min
Response: 1360795
Conc: 10.24 ug/ml



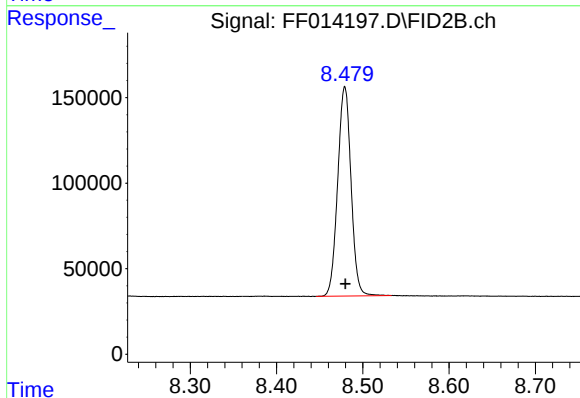
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 1202690
Conc: 9.87 ug/ml

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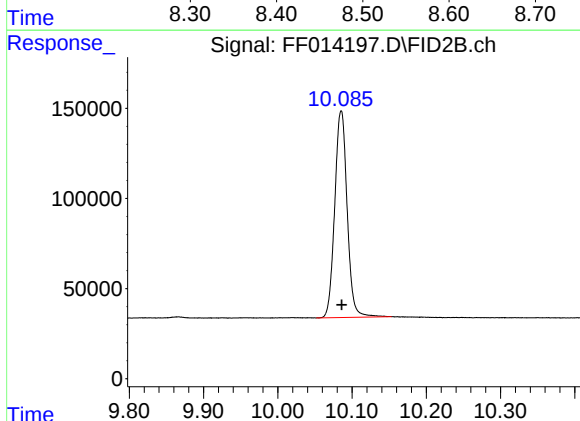
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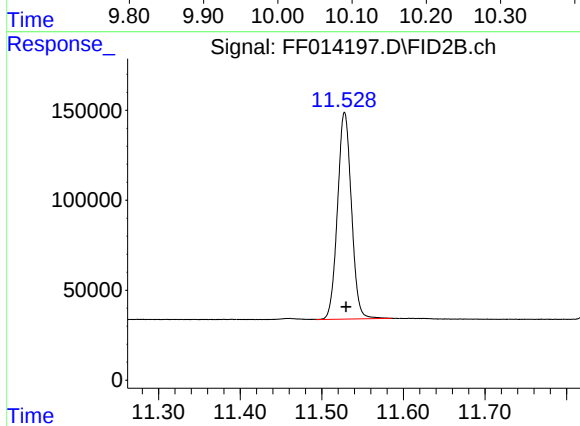
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 1315193
Conc: 10.18 ug/ml



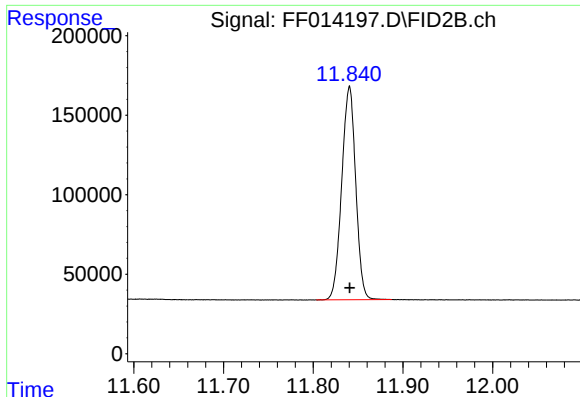
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: 0.000 min
Response: 1332196
Conc: 10.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 1362840
Conc: 10.23 ug/ml m



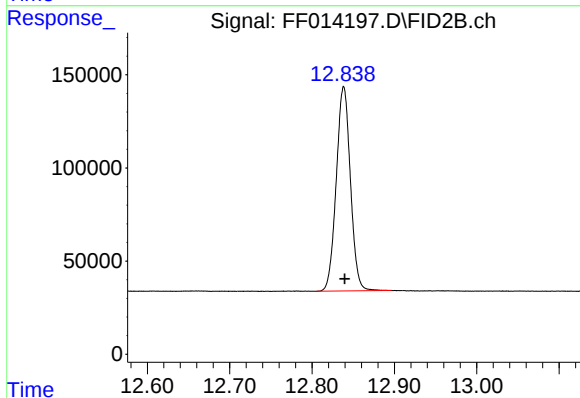
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: 0.000 min
Response: 1451926
Conc: 10.31 ug/ml

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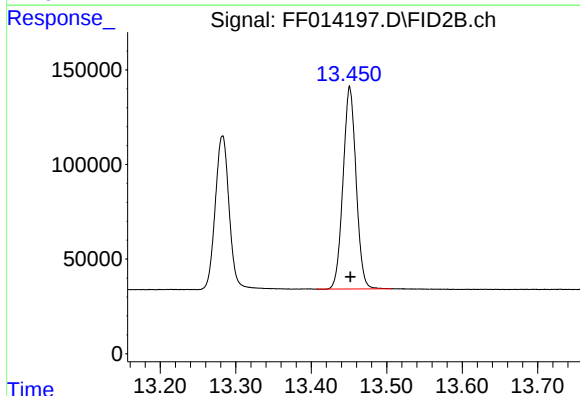
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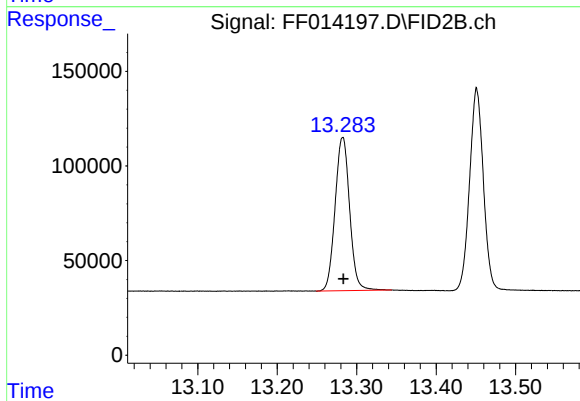
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.001 min
Response: 1310047
Conc: 10.26 ug/ml



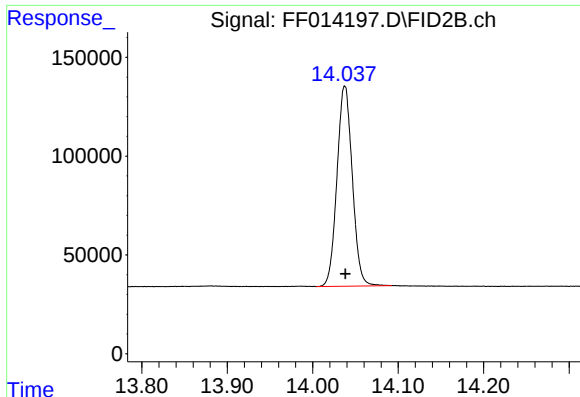
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.001 min
Response: 1283784
Conc: 10.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 1029853
Conc: 10.15 ug/ml



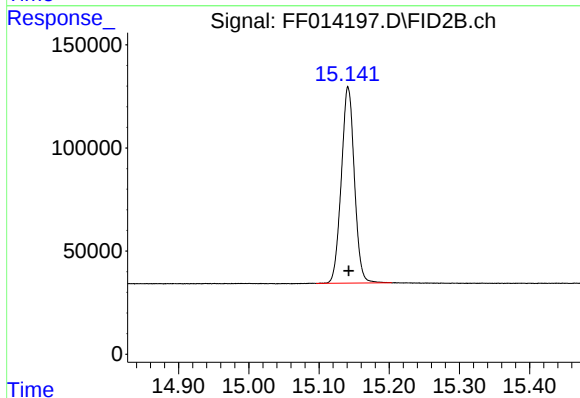
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: 0.000 min
Response: 1262292
Conc: 10.25 ug/ml

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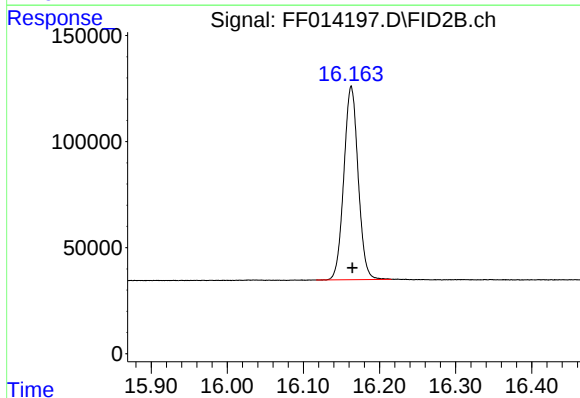
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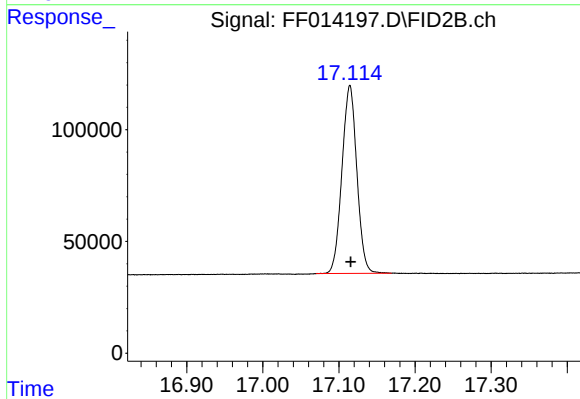
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: 0.000 min
Response: 1231559
Conc: 10.20 ug/ml



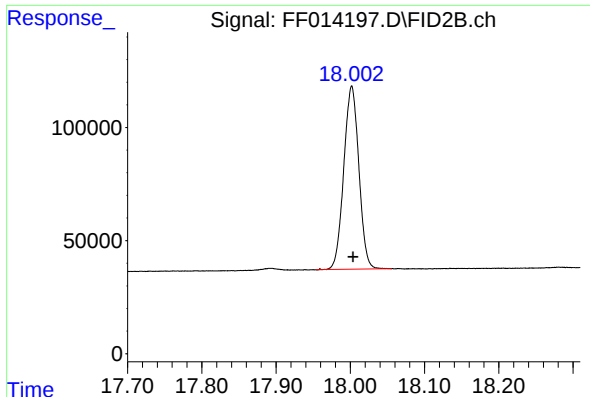
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 1188937
Conc: 10.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.001 min
Response: 1144314
Conc: 10.19 ug/ml



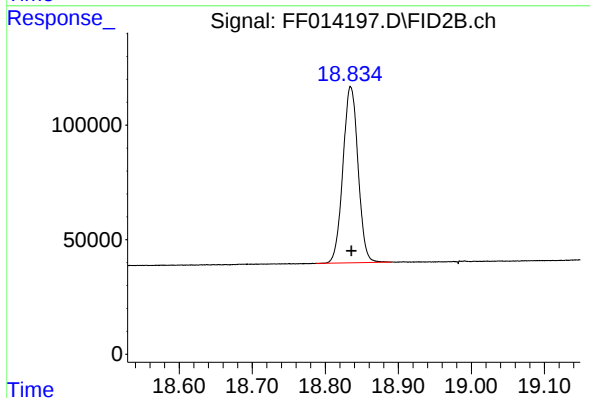
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.002 min
Response: 1142124
Conc: 10.17 ug/ml

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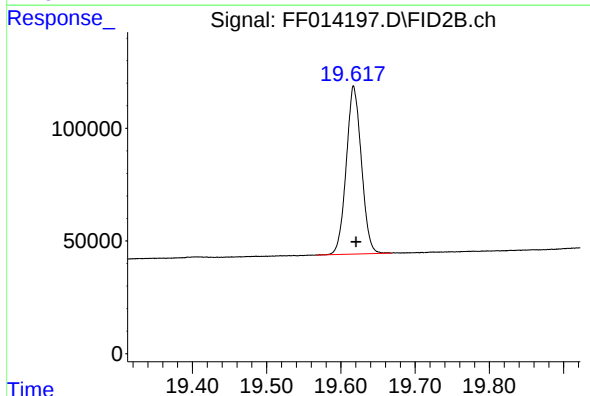
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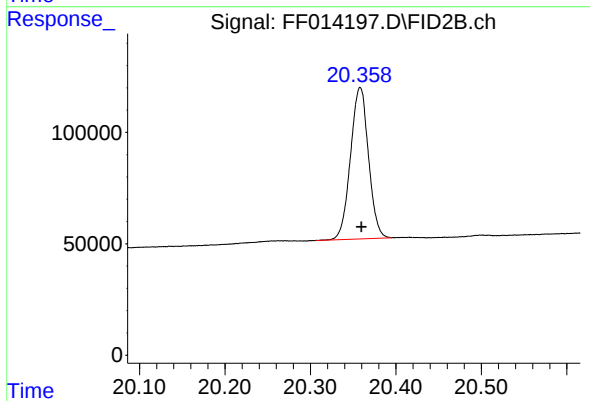
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.001 min
Response: 1107935
Conc: 10.17 ug/ml



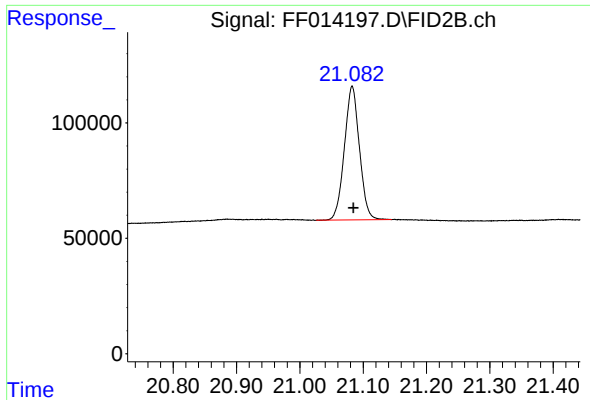
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.003 min
Response: 1054445
Conc: 10.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.001 min
Response: 993273
Conc: 10.02 ug/ml



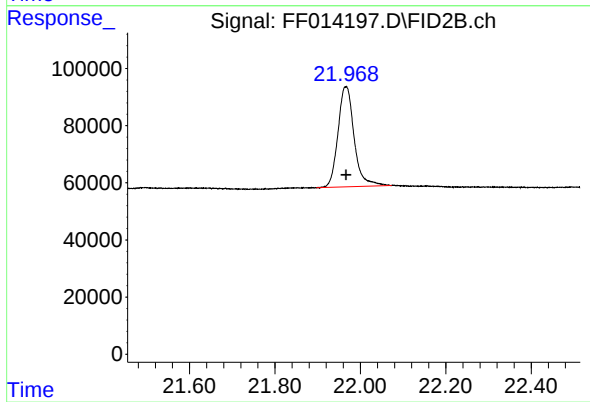
#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.002 min
Response: 955511
Conc: 9.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.000 min
Response: 920834
Conc: 9.81 ug/ml