

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AL\
 Data File : FD045454.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 10:03
 Operator : YP/AJ
 Sample : 02213-07
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 04:17:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 2023
 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			
12) S 1-chlorooctadecane (S...	12.876	5828356	48.798 ug/ml
Spiked Amount 50.000		Recovery =	97.60%
Target Compounds			
1) T n-Nonane (C9)	3.261	329214	2.161 ug/ml
2) T n-Decane (C10)	4.318	408788	2.708 ug/ml
4) T n-Dodecane (C12)	6.322	510649	3.347 ug/ml
6) T n-Tetradecane (C14)	8.106	468601	3.062 ug/ml
7) T n-Hexadecane (C16)	9.697	502140	3.224 ug/ml
8) T n-Octadecane (C18)	11.131	589421	3.763 ug/ml
10) T n-Eicosane (C20)	12.432	537088	3.622 ug/ml
11) T n-Heneicosane (C21)	13.040	519586	3.531 ug/ml
13) T n-Docosane (C22)	13.623	572067	3.964 ug/ml
14) T n-Tetracosane (C24)	14.717	630359	4.516 ug/mlm
15) T n-Hexacosane (C26)	15.733	669212	4.980 ug/ml
16) T n-Octacosane (C28)	16.675	725353	5.516 ug/ml
17) T n-Tricontane (C30)	17.555	808903	6.208 ug/ml
18) T n-Dotriacontane (C32)	18.382	826427	6.351 ug/ml
19) T n-Tetratriacontane (C34)	19.159	656959	5.258 ug/ml
20) T n-Hexatriacontane (C36)	19.893	527862	4.601 ug/ml
21) T n-Octatriacontane (C38)	20.597	434708	3.962 ug/ml
22) T n-Tetracontane (C40)	21.428	366590	3.417 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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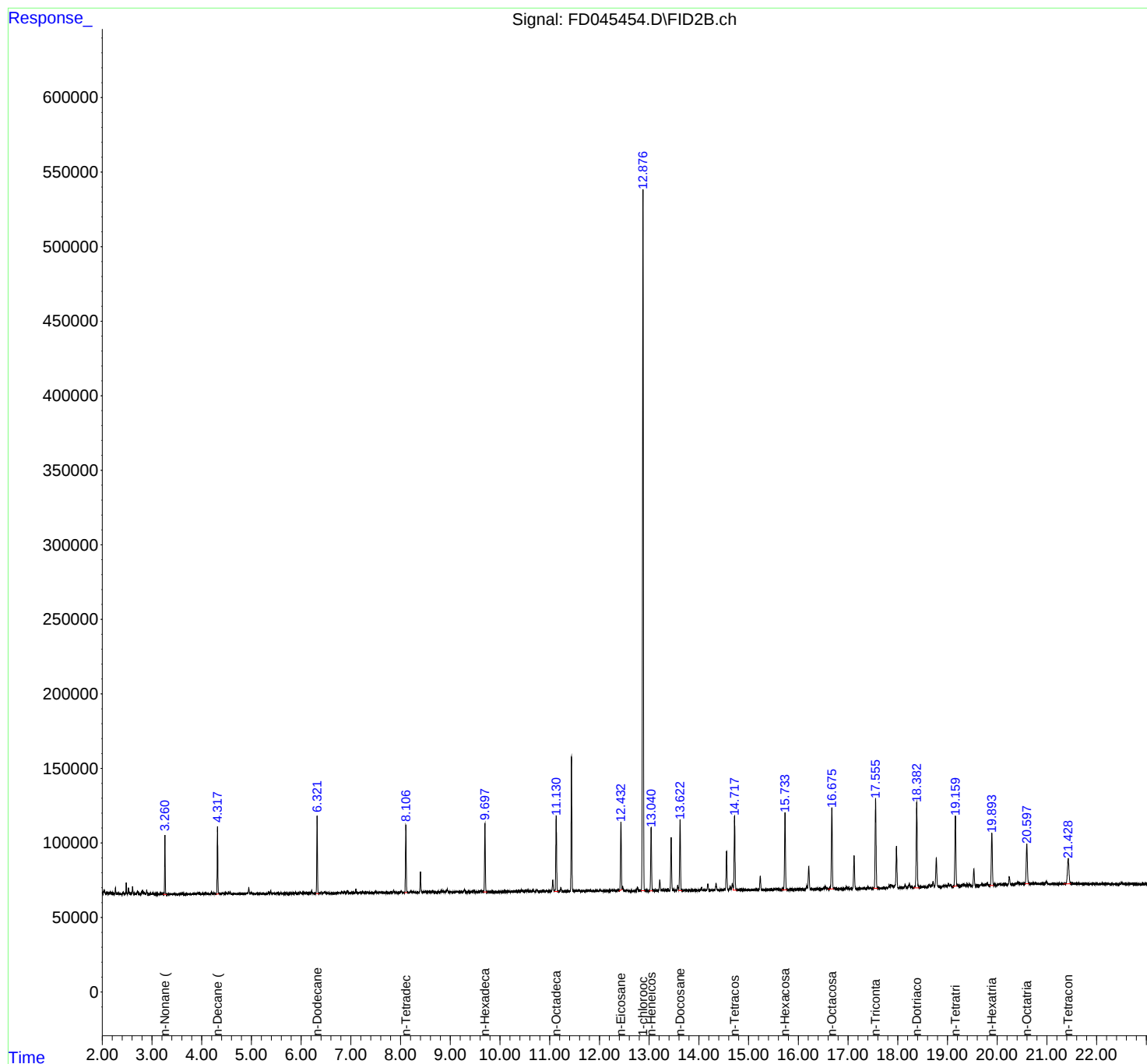
Instrument :
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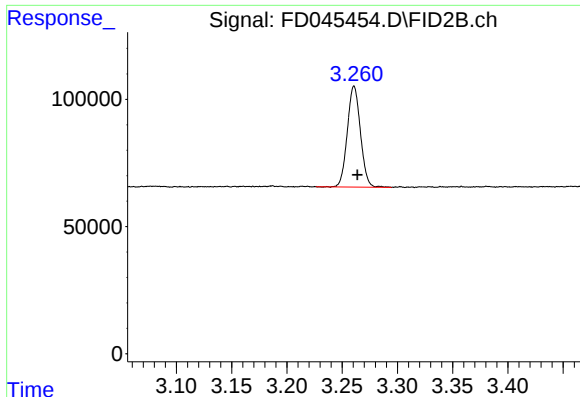
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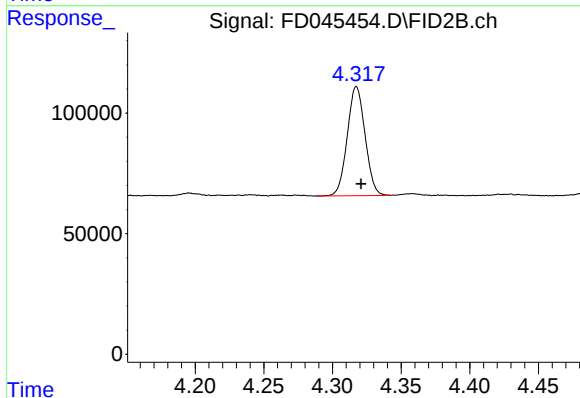
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 329214
Conc: 2.16 ug/ml

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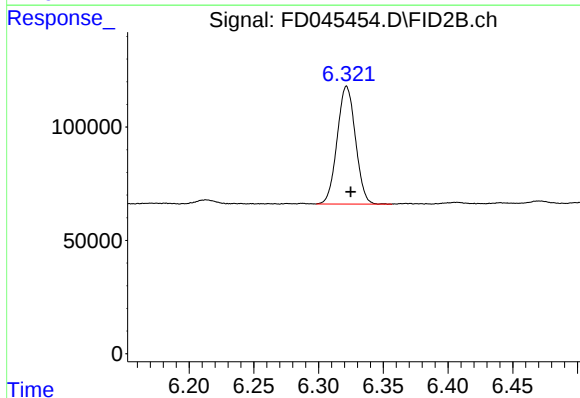
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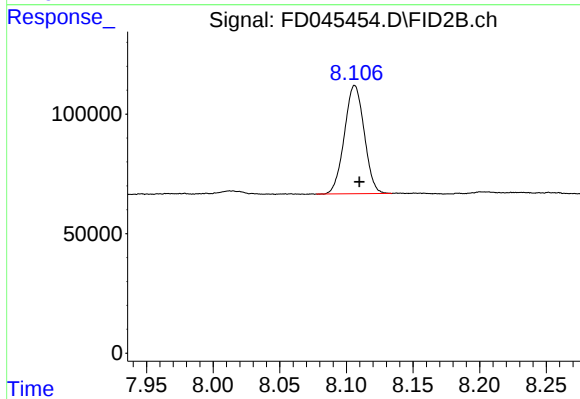
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 408788
Conc: 2.71 ug/ml



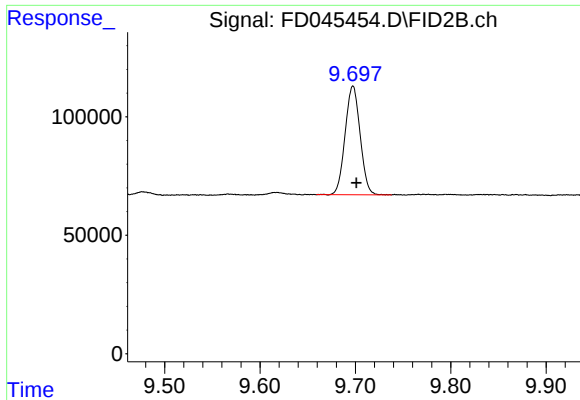
#4 n-Dodecane (C12)

R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 510649
Conc: 3.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 468601
Conc: 3.06 ug/ml



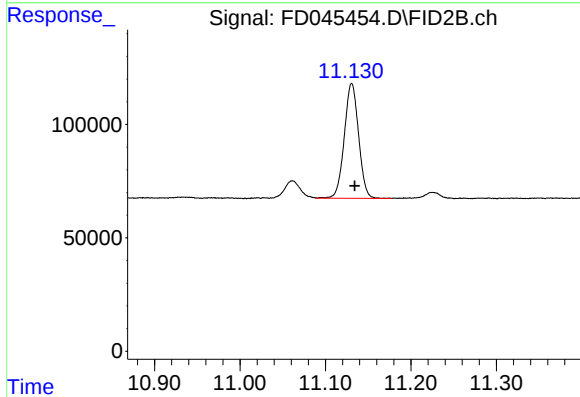
#7 n-Hexadecane (C16)

R.T.: 9.697 min
Delta R.T.: -0.003 min
Response: 502140
Conc: 3.22 ug/ml

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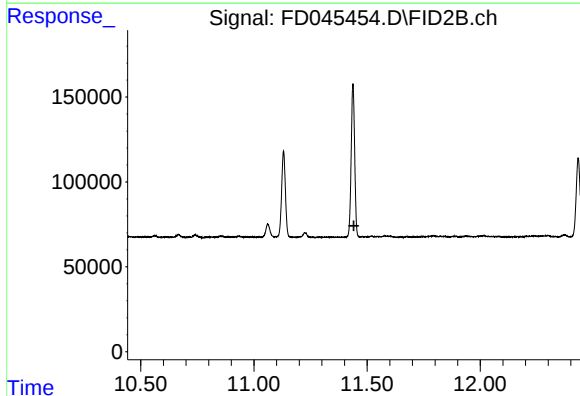
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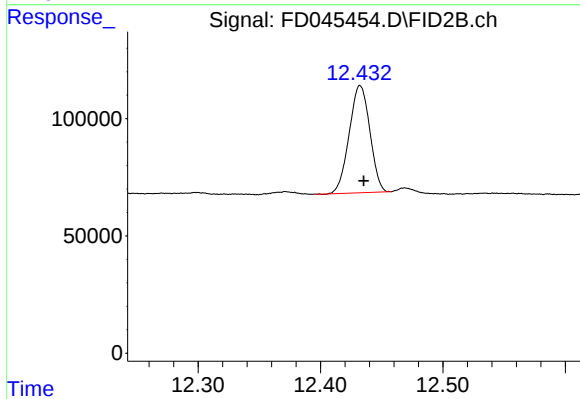
#8 n-Octadecane (C18)

R.T.: 11.131 min
Delta R.T.: -0.004 min
Response: 589421
Conc: 3.76 ug/ml



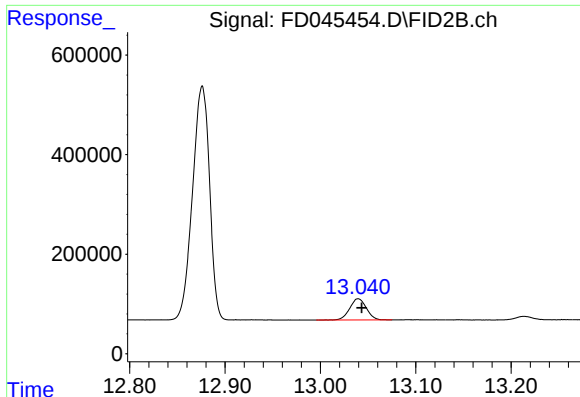
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.442 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.003 min
Response: 537088
Conc: 3.62 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.040 min
Delta R.T.: -0.004 min
Response: 519586
Conc: 3.53 ug/ml

Instrument :

FID_D

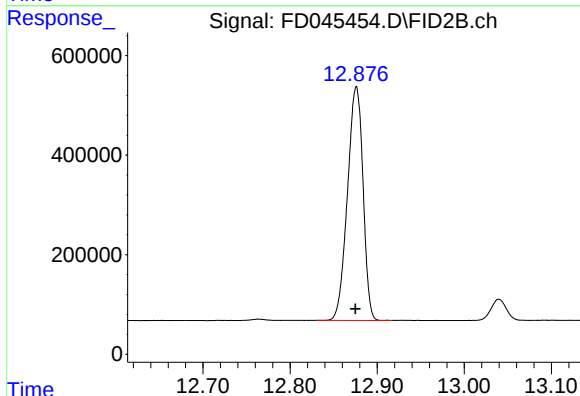
ClientSampleId :

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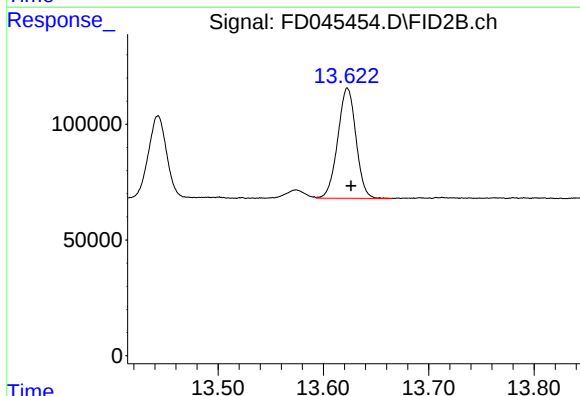
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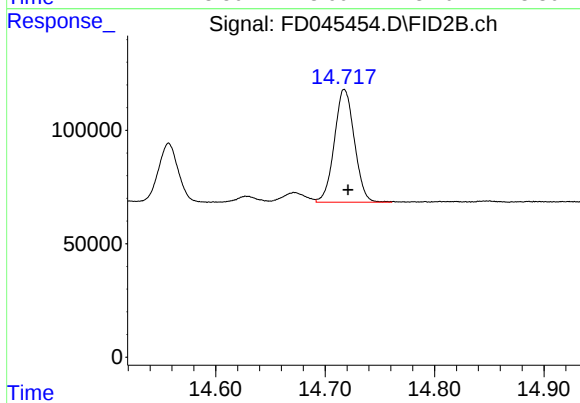
#12 1-chlorooctadecane (SURR)

R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 5828356
Conc: 48.80 ug/ml



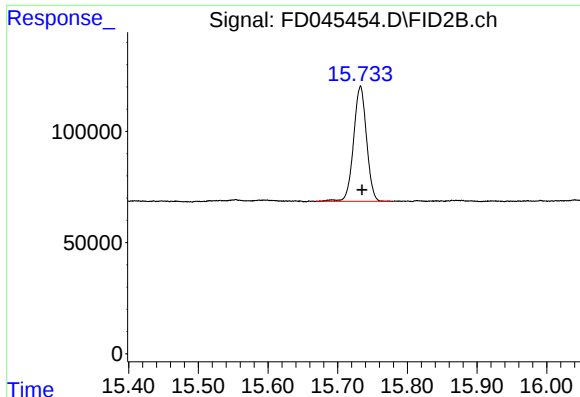
#13 n-Docosane (C22)

R.T.: 13.623 min
Delta R.T.: -0.003 min
Response: 572067
Conc: 3.96 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.717 min
Delta R.T.: -0.004 min
Response: 630359
Conc: 4.52 ug/ml m



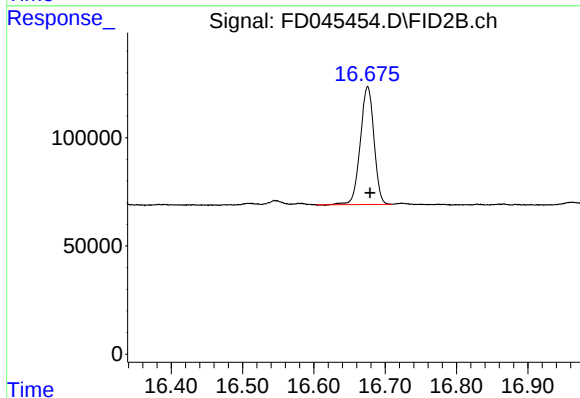
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: -0.002 min
Response: 669212
Conc: 4.98 ug/ml

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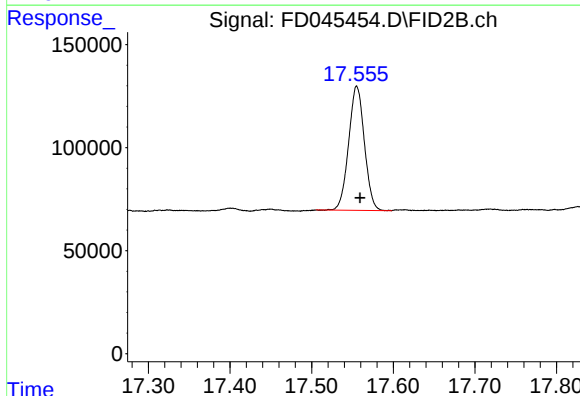
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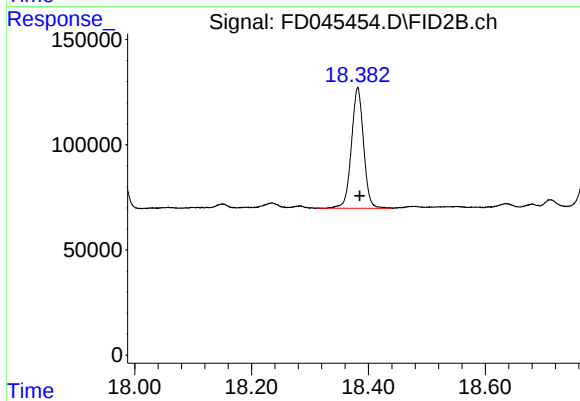
#16 n-Octacosane (C28)

R.T.: 16.675 min
Delta R.T.: -0.003 min
Response: 725353
Conc: 5.52 ug/ml



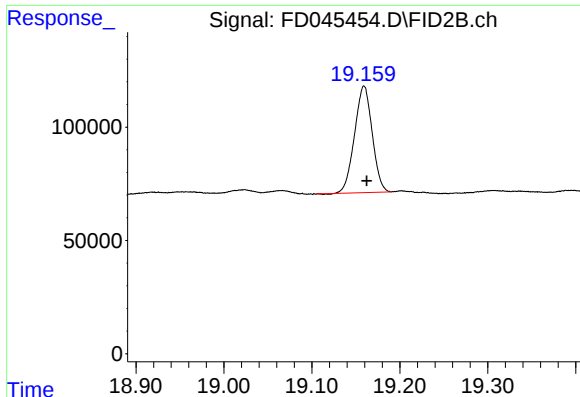
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: -0.004 min
Response: 808903
Conc: 6.21 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.382 min
Delta R.T.: -0.003 min
Response: 826427
Conc: 6.35 ug/ml



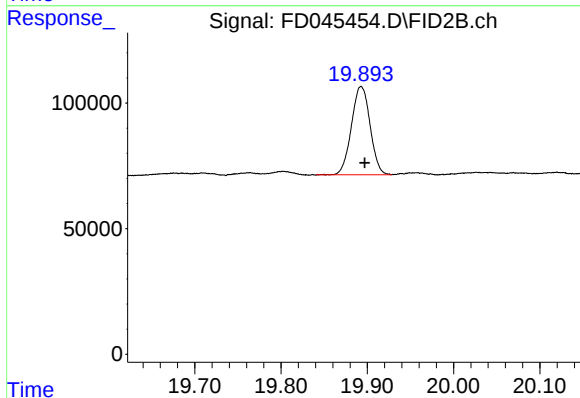
#19 n-Tetratriacontane (C34)

R.T.: 19.159 min
Delta R.T.: -0.003 min
Response: 656959
Conc: 5.26 ug/ml

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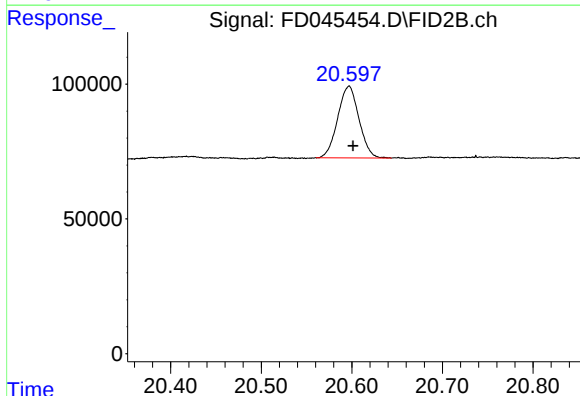
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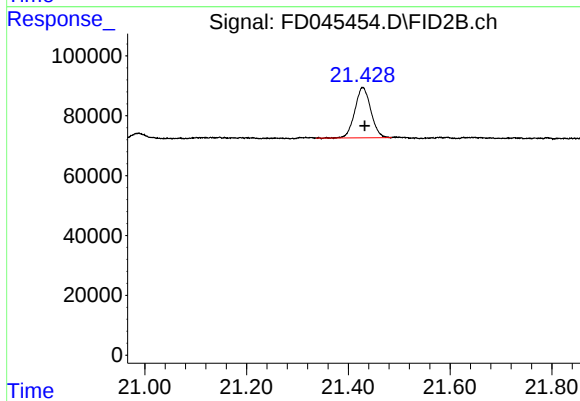
#20 n-Hexatriacontane (C36)

R.T.: 19.893 min
Delta R.T.: -0.004 min
Response: 527862
Conc: 4.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: -0.004 min
Response: 434708
Conc: 3.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.428 min
Delta R.T.: -0.004 min
Response: 366590
Conc: 3.42 ug/ml