

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AL\
 Data File : FD045455.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 10:42
 Operator : YP/AJ
 Sample : 02213-08
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-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 04:18:04 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	6379930	53.417 ug/ml
Spiked Amount 50.000		Recovery =	106.83%
Target Compounds			
1) T n-Nonane (C9)	3.261	446575	2.932 ug/ml
2) T n-Decane (C10)	4.318	552816	3.662 ug/ml
4) T n-Dodecane (C12)	6.322	706398	4.630 ug/ml
6) T n-Tetradecane (C14)	8.106	655857	4.286 ug/ml
7) T n-Hexadecane (C16)	9.698	694233	4.458 ug/ml
8) T n-Octadecane (C18)	11.130	796425	5.085 ug/ml
10) T n-Eicosane (C20)	12.432	749348	5.053 ug/ml
11) T n-Heneicosane (C21)	13.039	718416	4.882 ug/ml
13) T n-Docosane (C22)	13.622	771415	5.345 ug/ml
14) T n-Tetracosane (C24)	14.718	786434	5.635 ug/mlm
15) T n-Hexacosane (C26)	15.732	770727	5.735 ug/ml
16) T n-Octacosane (C28)	16.675	784940	5.969 ug/ml
17) T n-Tricontane (C30)	17.557	821750	6.306 ug/ml
18) T n-Dotriacontane (C32)	18.381	846396	6.504 ug/ml
19) T n-Tetratriacontane (C34)	19.158	740399	5.926 ug/ml
20) T n-Hexatriacontane (C36)	19.893	626541	5.461 ug/ml
21) T n-Octatriacontane (C38)	20.597	547445	4.989 ug/ml
22) T n-Tetracontane (C40)	21.428	469171	4.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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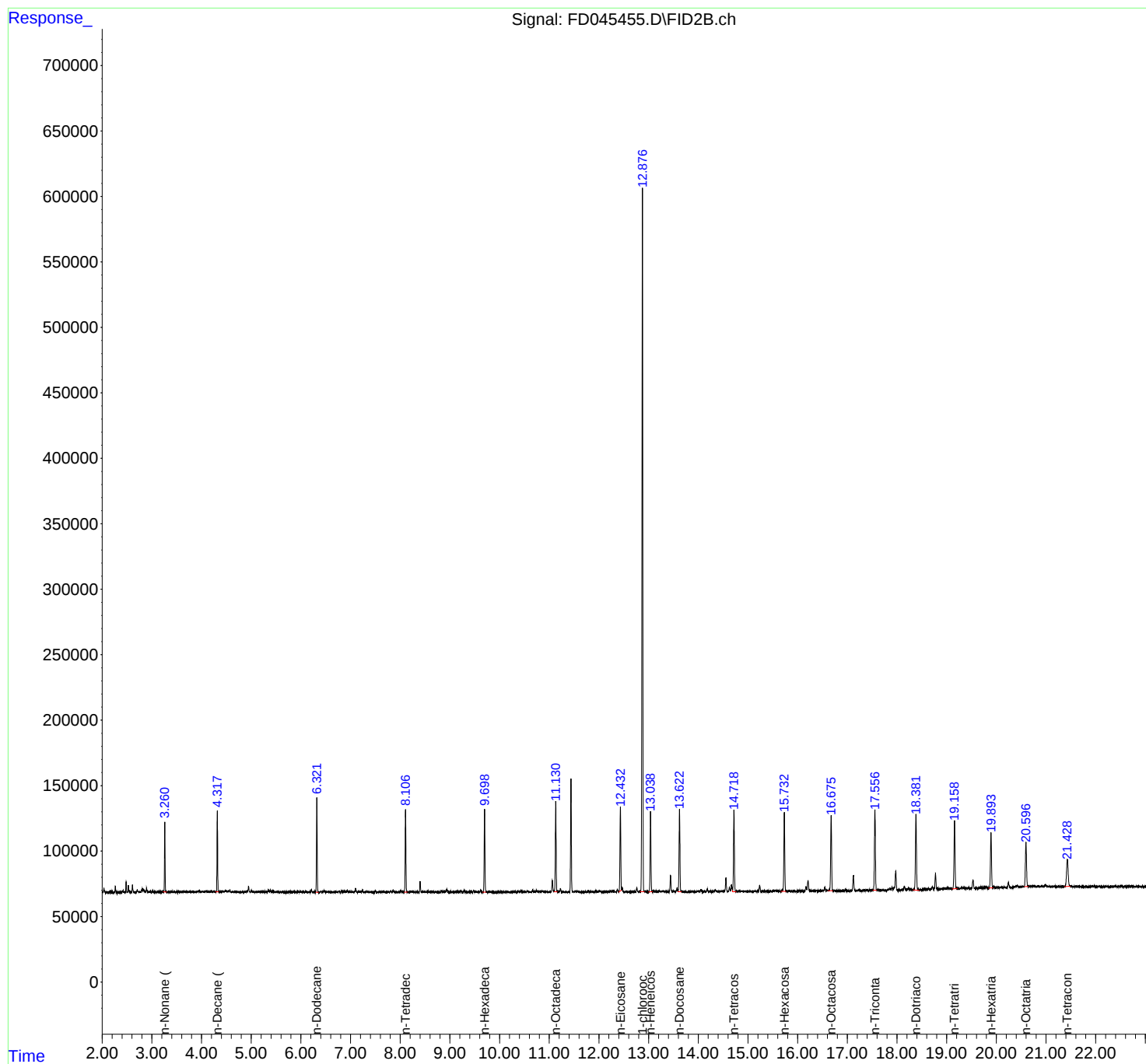
Instrument :
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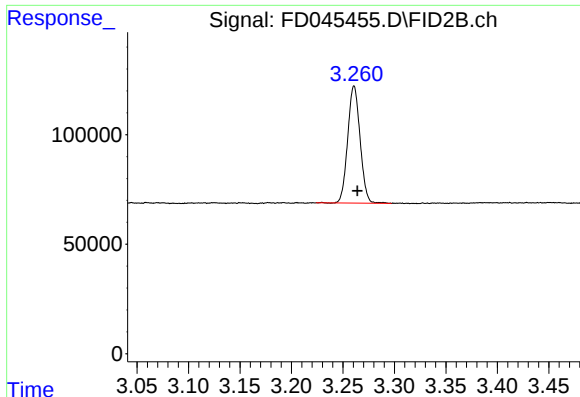
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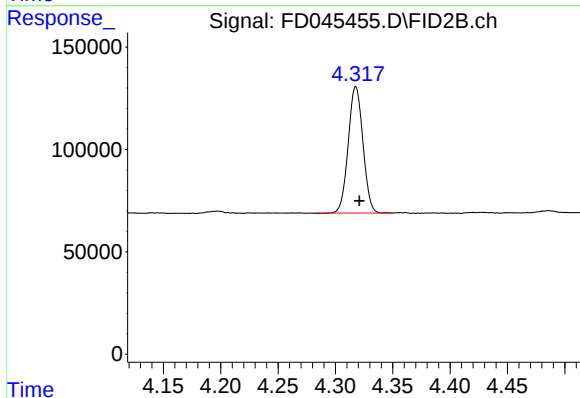
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 446575
Conc: 2.93 ug/ml

Instrument :
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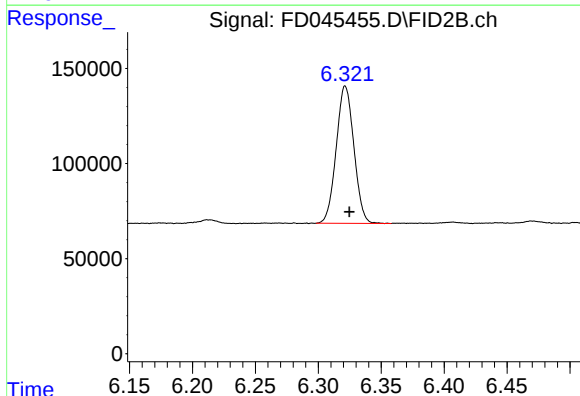
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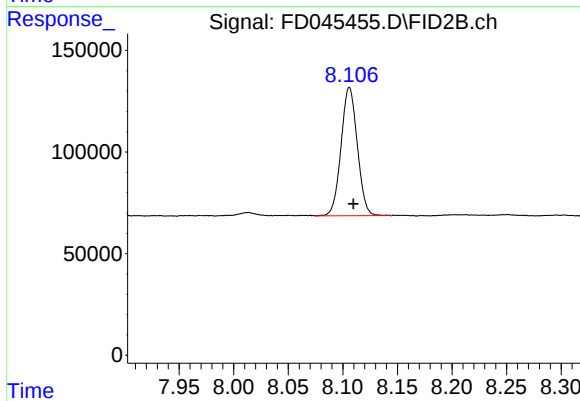
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 552816
Conc: 3.66 ug/ml



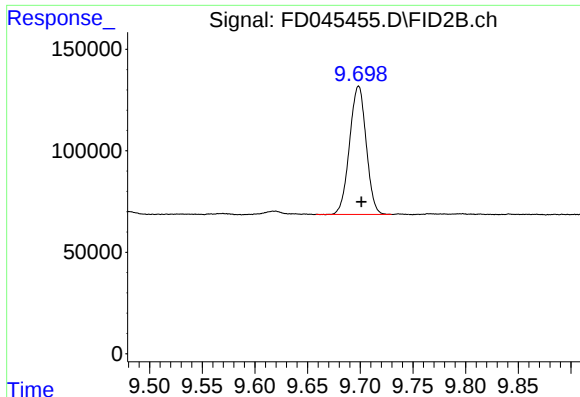
#4 n-Dodecane (C12)

R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 706398
Conc: 4.63 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.106 min
Delta R.T.: -0.004 min
Response: 655857
Conc: 4.29 ug/ml



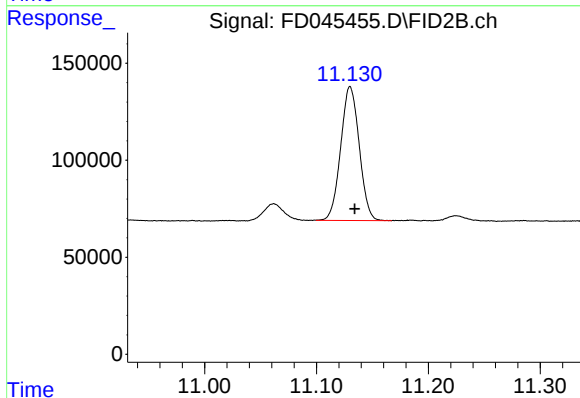
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.002 min
Response: 694233
Conc: 4.46 ug/ml

Instrument :
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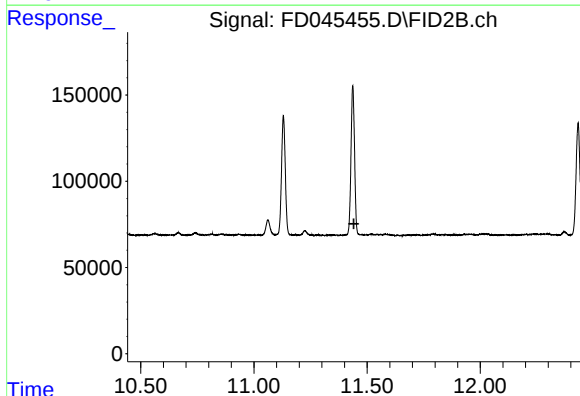
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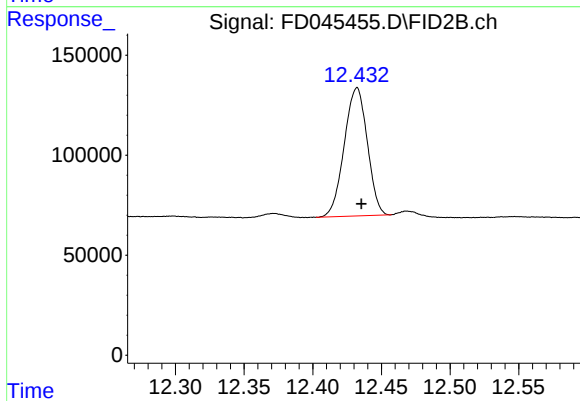
#8 n-Octadecane (C18)

R.T.: 11.130 min
Delta R.T.: -0.004 min
Response: 796425
Conc: 5.09 ug/ml



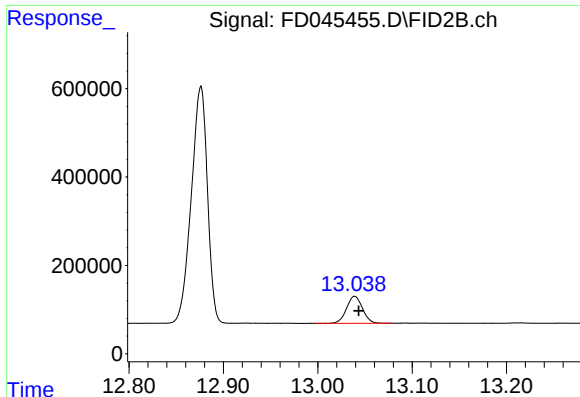
#9 ortho-Terphenyl (SURR)

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: 749348
Conc: 5.05 ug/ml



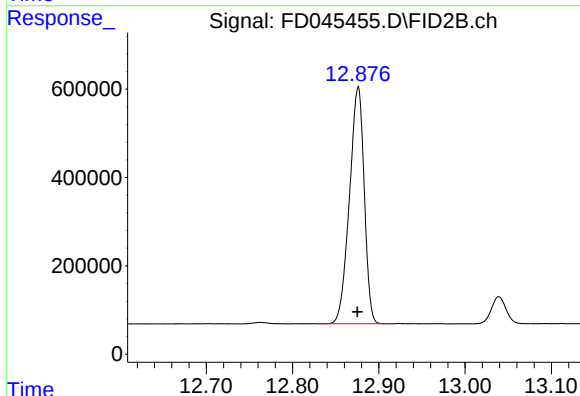
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.004 min
Response: 718416
Conc: 4.88 ug/ml

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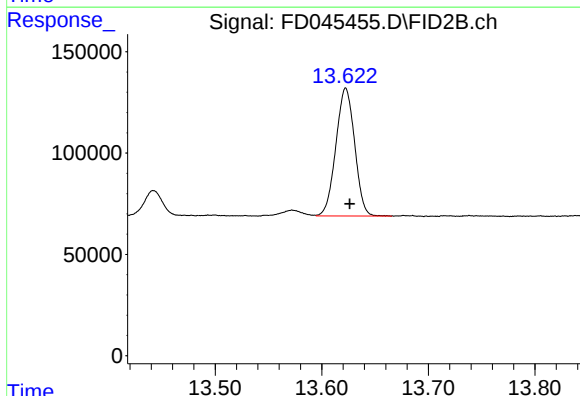
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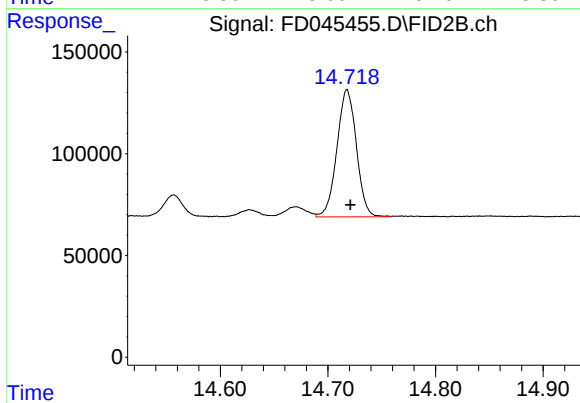
#12 1-chlorooctadecane (SURR)

R.T.: 12.876 min
Delta R.T.: 0.001 min
Response: 6379930
Conc: 53.42 ug/ml



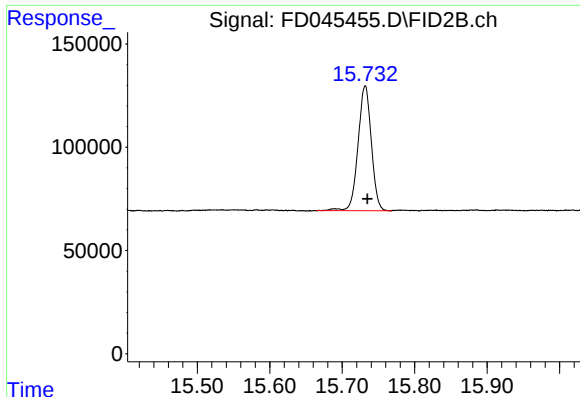
#13 n-Docosane (C22)

R.T.: 13.622 min
Delta R.T.: -0.004 min
Response: 771415
Conc: 5.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.718 min
Delta R.T.: -0.003 min
Response: 786434
Conc: 5.63 ug/ml m



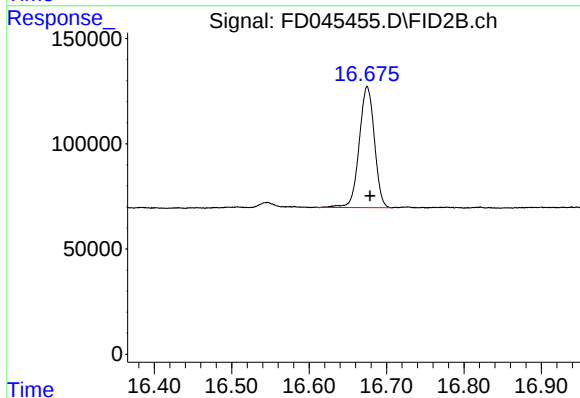
#15 n-Hexacosane (C26)

R.T.: 15.732 min
Delta R.T.: -0.003 min
Response: 770727
Conc: 5.74 ug/ml

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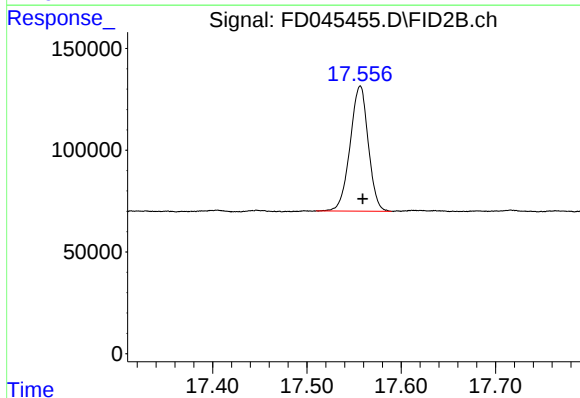
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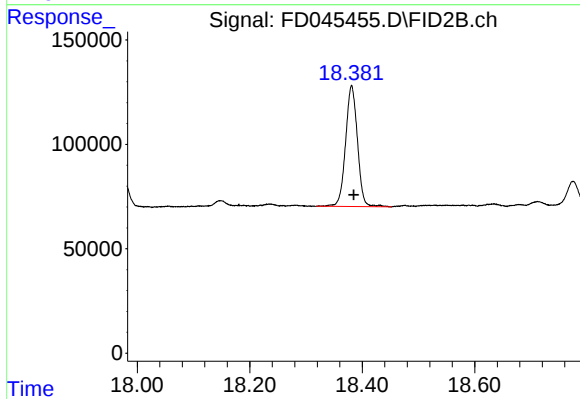
#16 n-Octacosane (C28)

R.T.: 16.675 min
Delta R.T.: -0.004 min
Response: 784940
Conc: 5.97 ug/ml



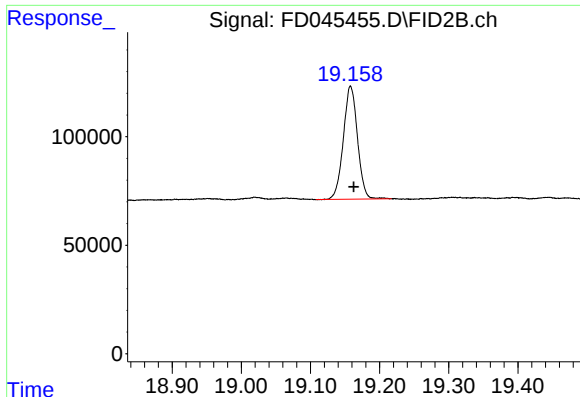
#17 n-Tricontane (C30)

R.T.: 17.557 min
Delta R.T.: -0.003 min
Response: 821750
Conc: 6.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.381 min
Delta R.T.: -0.004 min
Response: 846396
Conc: 6.50 ug/ml



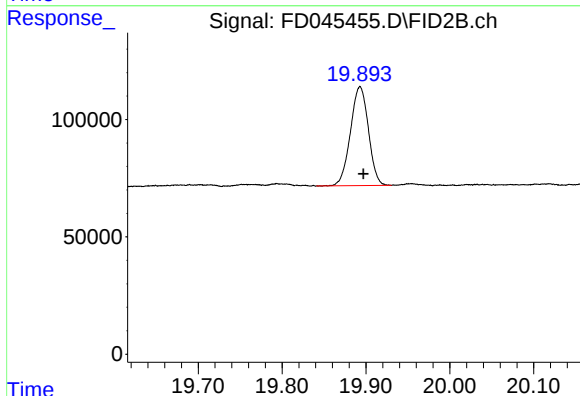
#19 n-Tetratriacontane (C34)

R.T.: 19.158 min
Delta R.T.: -0.005 min
Response: 740399
Conc: 5.93 ug/ml

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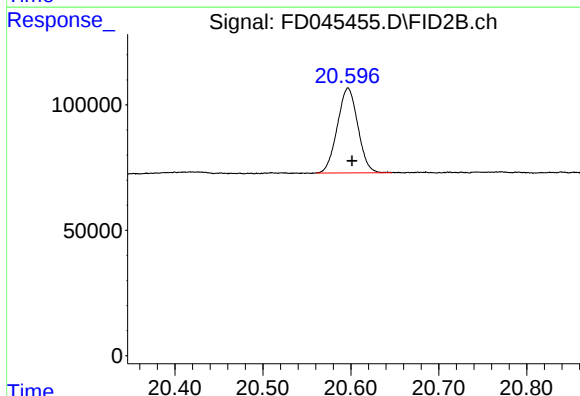
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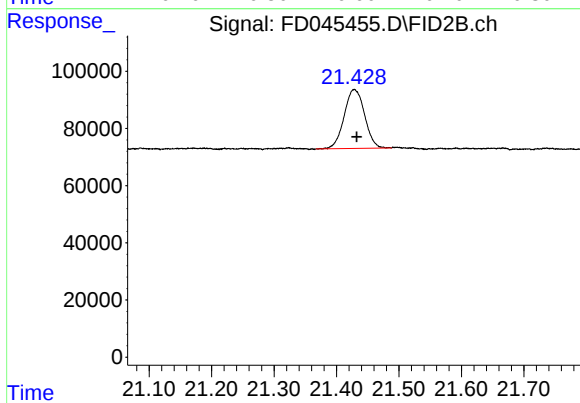
#20 n-Hexatriacontane (C36)

R.T.: 19.893 min
Delta R.T.: -0.004 min
Response: 626541
Conc: 5.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: -0.004 min
Response: 547445
Conc: 4.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.428 min
Delta R.T.: -0.004 min
Response: 469171
Conc: 4.37 ug/ml