

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AL\
 Data File : FD048483.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2024 14:04
 Operator : YP/AJ
 Sample : P4368-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 05:29:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 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			
12) S 1-chlorooctadecane (S...	12.707	5841739	39.050 ug/ml
Spiked Amount 50.000		Recovery =	78.10%
Target Compounds			
1) T n-Nonane (C9)	3.127	441750	2.630 ug/ml
2) T n-Decane (C10)	4.171	546048	3.146 ug/ml
4) T n-Dodecane (C12)	6.164	641952	3.667 ug/ml
6) T n-Tetradecane (C14)	7.945	654624	3.752 ug/ml
7) T n-Hexadecane (C16)	9.534	641990	3.562 ug/ml
8) T n-Octadecane (C18)	10.965	676037	3.724 ug/ml
10) T n-Eicosane (C20)	12.266	705915	4.047 ug/ml
11) T n-Heneicosane (C21)	12.874	693632	4.054 ug/ml
13) T n-Docosane (C22)	13.458	684897	4.010 ug/ml
14) T n-Tetracosane (C24)	14.554	675725	3.989 ug/ml
15) T n-Hexacosane (C26)	15.568	669611	4.045 ug/ml
16) T n-Octacosane (C28)	16.514	645960	3.924 ug/ml
17) T n-Tricontane (C30)	17.395	667130	3.891 ug/ml
18) T n-Dotriacontane (C32)	18.223	656203	3.922 ug/ml
19) T n-Tetratriacontane (C34)	19.002	636018	4.408 ug/mlm
20) T n-Hexatriacontane (C36)	19.737	547491	4.560 ug/mlm
21) T n-Octatriacontane (C38)	20.434	513382	4.585 ug/mlm
22) T n-Tetracontane (C40)	21.217	435107	4.346 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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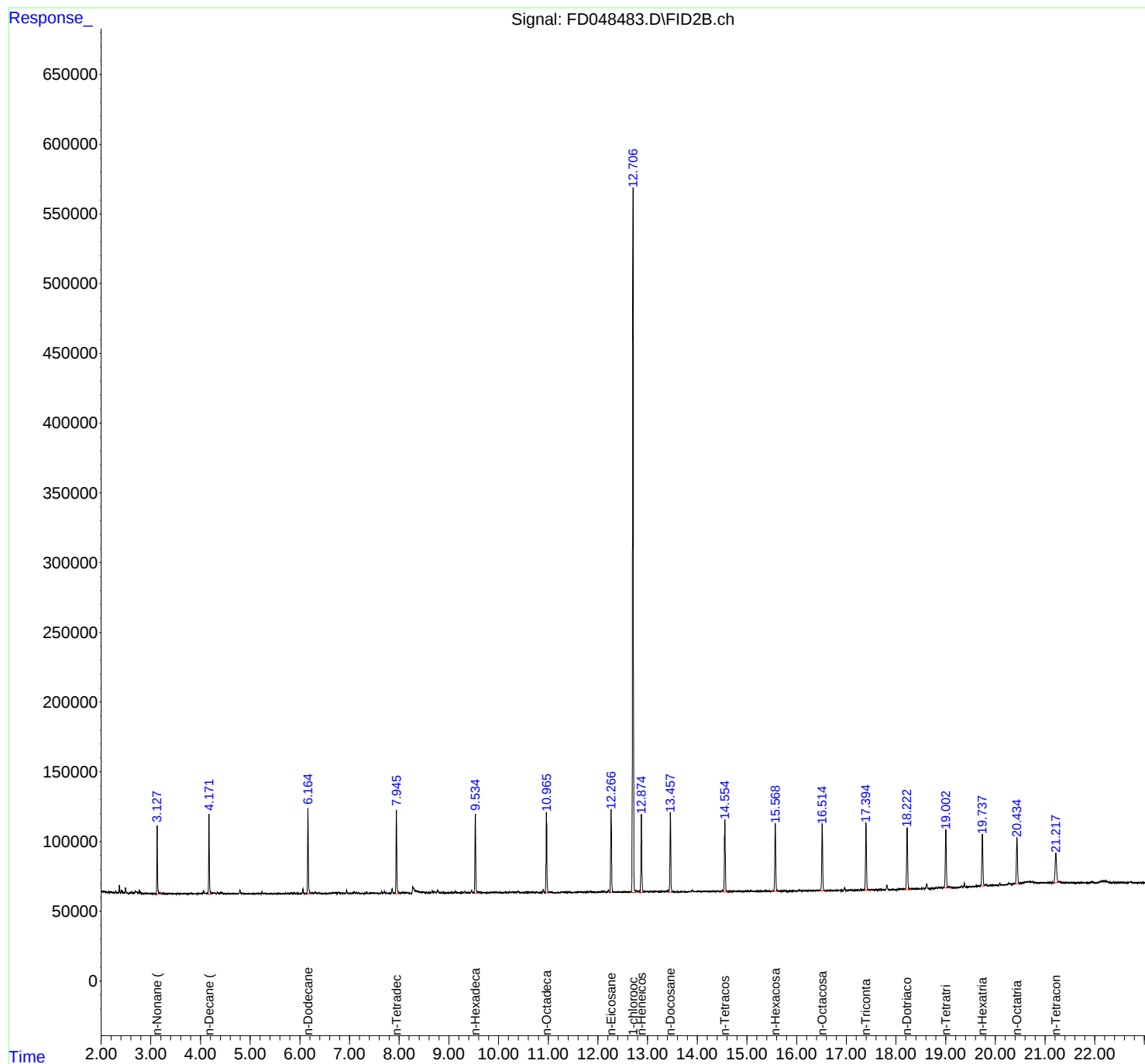
Instrument :
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ClientSampleId :
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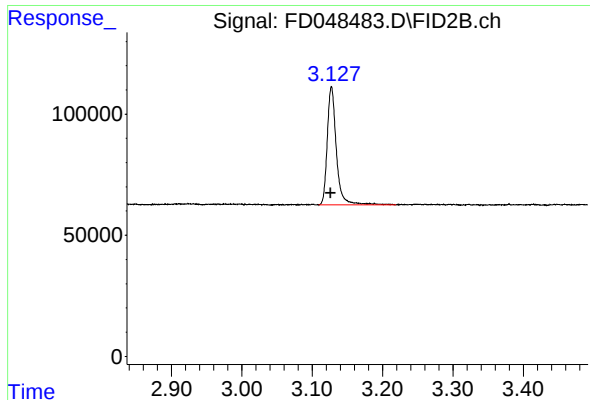
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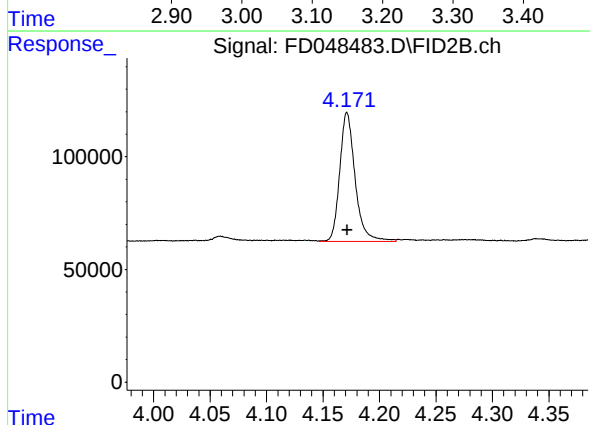
#1 n-Nonane (C9)

R.T.: 3.127 min
Delta R.T.: 0.001 min
Response: 441750
Conc: 2.63 ug/ml

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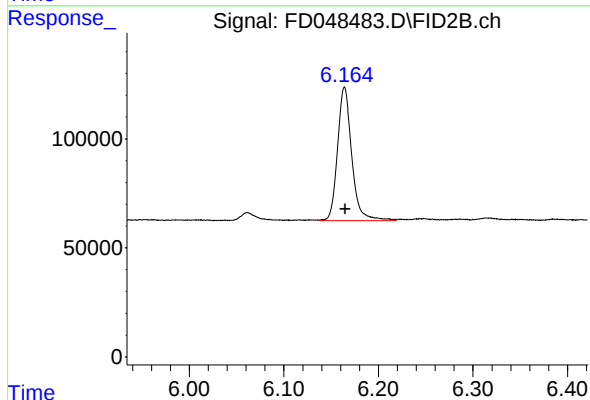
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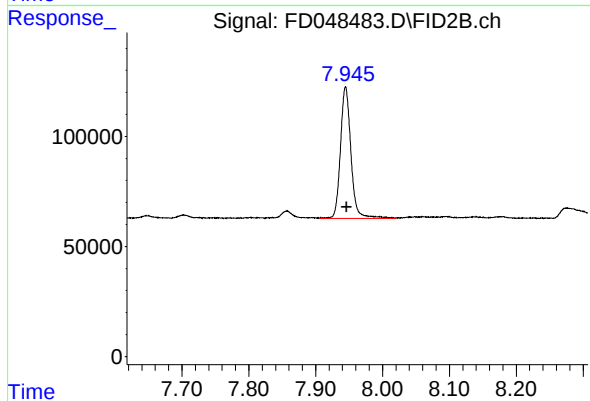
#2 n-Decane (C10)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 546048
Conc: 3.15 ug/ml



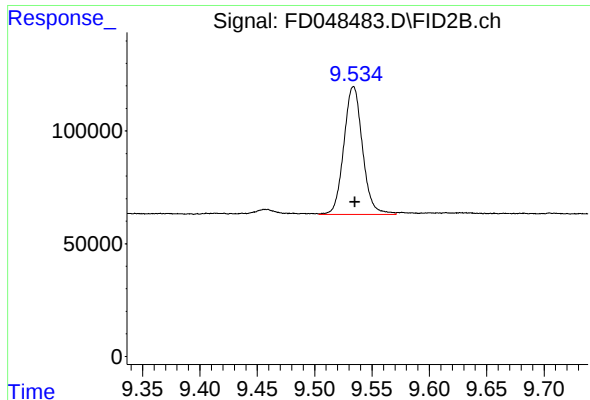
#4 n-Dodecane (C12)

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 641952
Conc: 3.67 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.945 min
Delta R.T.: -0.001 min
Response: 654624
Conc: 3.75 ug/ml



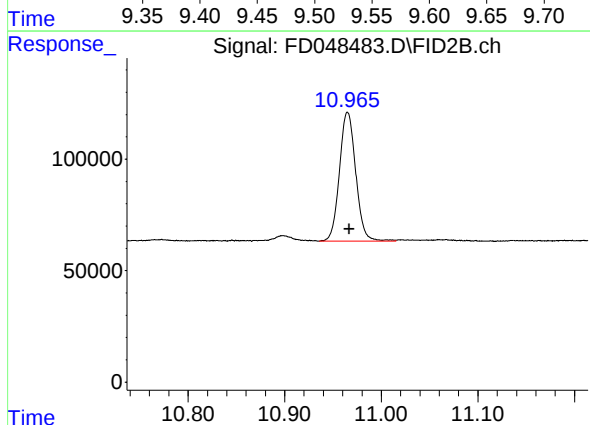
#7 n-Hexadecane (C16)

R.T.: 9.534 min
Delta R.T.: -0.001 min
Response: 641990
Conc: 3.56 ug/ml

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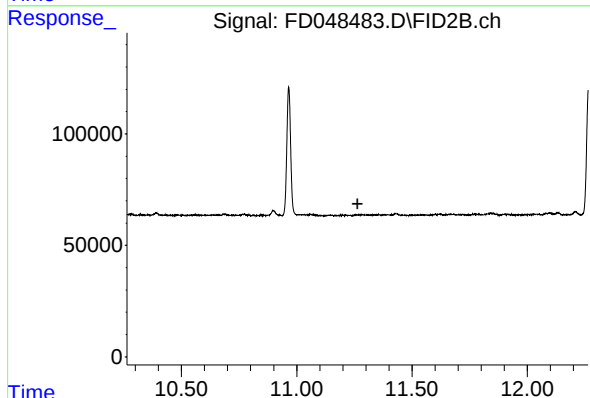
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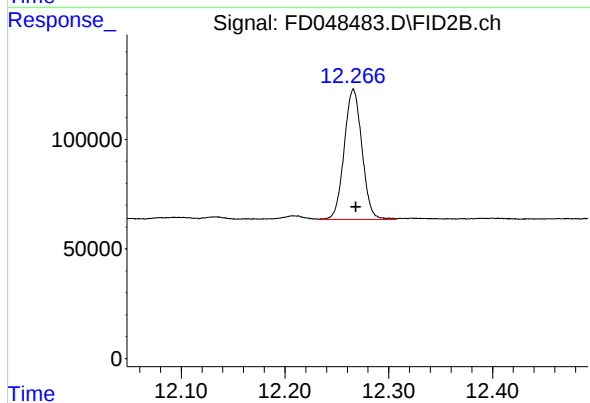
#8 n-Octadecane (C18)

R.T.: 10.965 min
Delta R.T.: -0.001 min
Response: 676037
Conc: 3.72 ug/ml



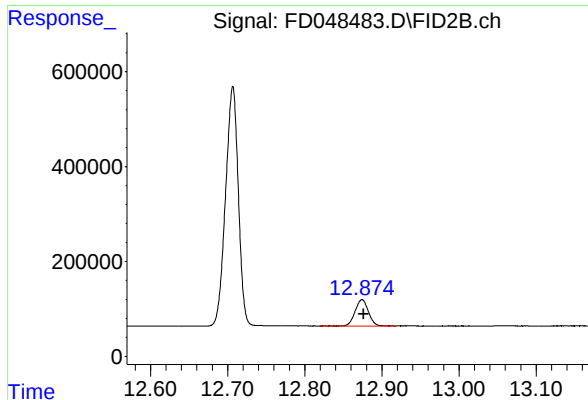
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.264 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.266 min
Delta R.T.: -0.002 min
Response: 705915
Conc: 4.05 ug/ml



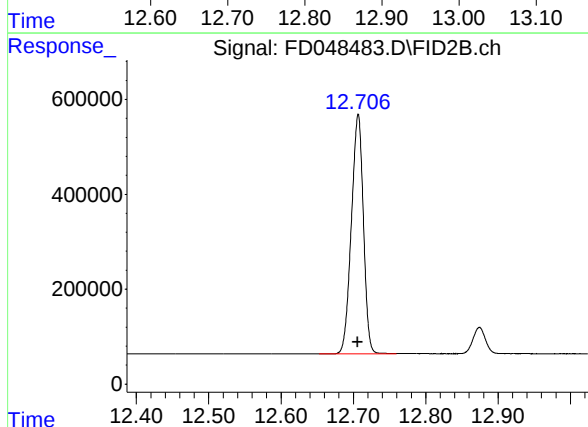
#11 n-Heneicosane (C21)

R.T.: 12.874 min
Delta R.T.: -0.002 min
Response: 693632
Conc: 4.05 ug/ml

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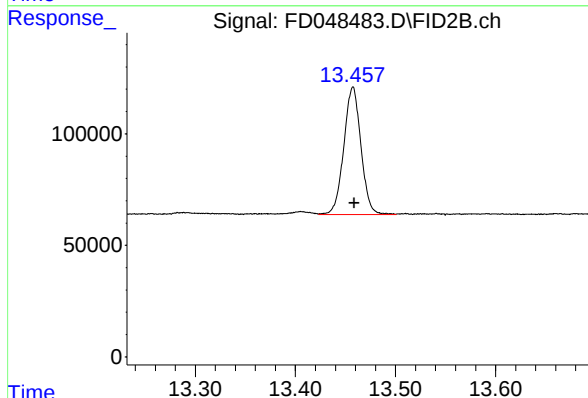
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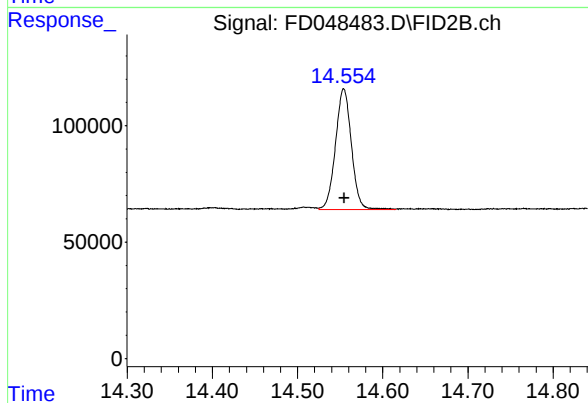
#12 1-chlorooctadecane (SURR)

R.T.: 12.707 min
Delta R.T.: 0.001 min
Response: 5841739
Conc: 39.05 ug/ml



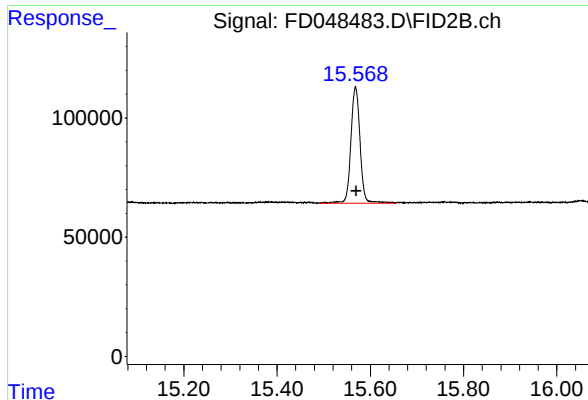
#13 n-Docosane (C22)

R.T.: 13.458 min
Delta R.T.: -0.001 min
Response: 684897
Conc: 4.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.554 min
Delta R.T.: 0.000 min
Response: 675725
Conc: 3.99 ug/ml



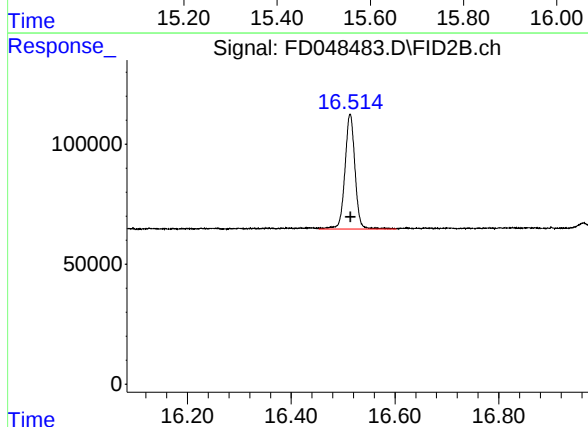
#15 n-Hexacosane (C26)

R.T.: 15.568 min
Delta R.T.: -0.002 min
Response: 669611
Conc: 4.05 ug/ml

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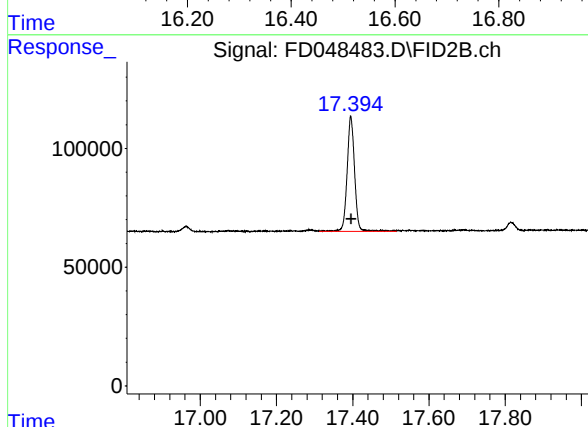
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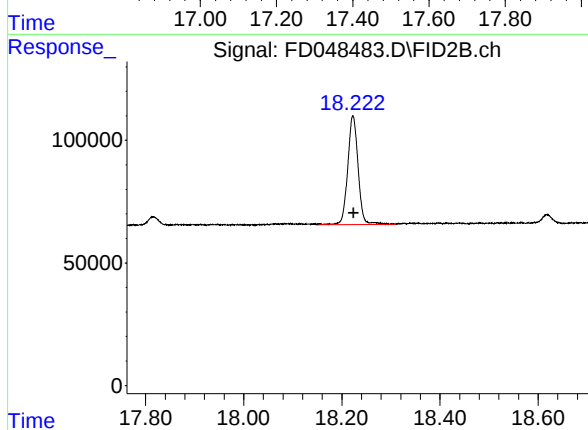
#16 n-Octacosane (C28)

R.T.: 16.514 min
Delta R.T.: -0.001 min
Response: 645960
Conc: 3.92 ug/ml



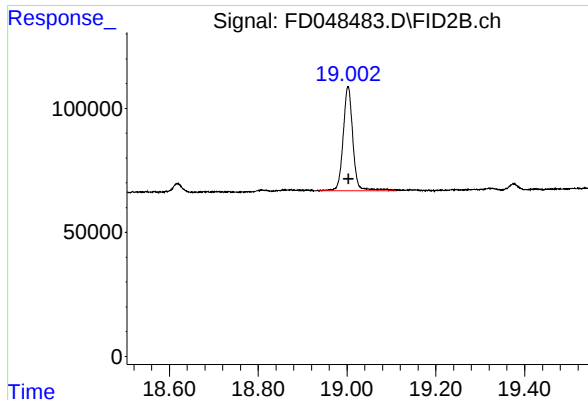
#17 n-Tricontane (C30)

R.T.: 17.395 min
Delta R.T.: -0.002 min
Response: 667130
Conc: 3.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.223 min
Delta R.T.: -0.001 min
Response: 656203
Conc: 3.92 ug/ml



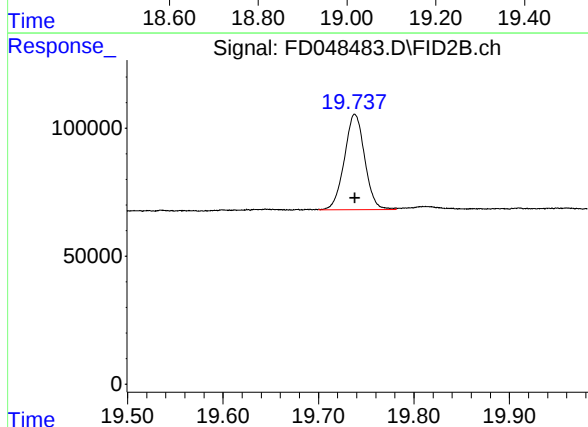
#19 n-Tetratriacontane (C34)

R.T.: 19.002 min
Delta R.T.: 0.000 min
Response: 636018
Conc: 4.41 ug/ml

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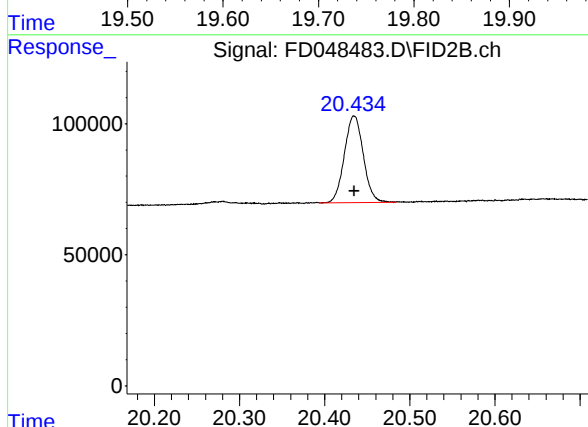
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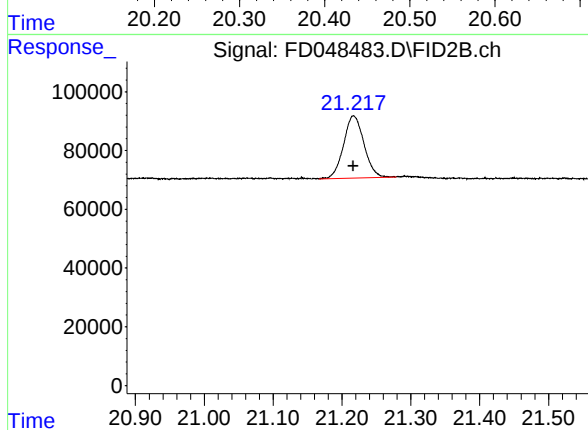
#20 n-Hexatriacontane (C36)

R.T.: 19.737 min
Delta R.T.: 0.000 min
Response: 547491
Conc: 4.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.434 min
Delta R.T.: -0.001 min
Response: 513382
Conc: 4.58 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 435107
Conc: 4.35 ug/ml