

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033567.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 10:38
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL-4 PPM
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
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 5/22/2020 4:06:35 PM

Integration File: autoint1.e
 Quant Time: May 22 02:30:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.903	5287680	47.554 ug/ml
Spiked Amount 50.000		Recovery =	95.11%
Target Compounds			
1) T n-Nonane (C9)	3.291	344109	2.997 ug/mlm
2) T n-Decane (C10)	4.349	435127	3.780 ug/ml
4) T n-Dodecane (C12)	6.351	634555	5.326 ug/ml
6) T n-Tetradecane (C14)	8.133	548479	4.544 ug/ml
7) T n-Hexadecane (C16)	9.723	557234	4.666 ug/ml
8) T n-Octadecane (C18)	11.156	605711	4.776 ug/ml
10) T n-Eicosane (C20)	12.457	604583	4.685 ug/ml
11) T n-Heneicosane (C21)	13.065	600855	4.663 ug/ml
13) T n-Docosane (C22)	13.648	609200	4.747 ug/ml
14) T n-Tetracosane (C24)	14.745	613915	4.824 ug/ml
15) T n-Hexacosane (C26)	15.760	590360	4.710 ug/ml
16) T n-Octacosane (C28)	16.704	606407	4.878 ug/ml
17) T n-Tricontane (C30)	17.585	619634	5.149 ug/ml
18) T n-Dotriacontane (C32)	18.414	593876	5.423 ug/ml
19) T n-Tetratriacontane (C34)	19.192	555272	5.418 ug/ml
20) T n-Hexatriacontane (C36)	19.926	495384	5.174 ug/ml
21) T n-Octatriacontane (C38)	20.634	472265	5.270 ug/ml
22) T n-Tetracontane (C40)	21.477	471616	5.311 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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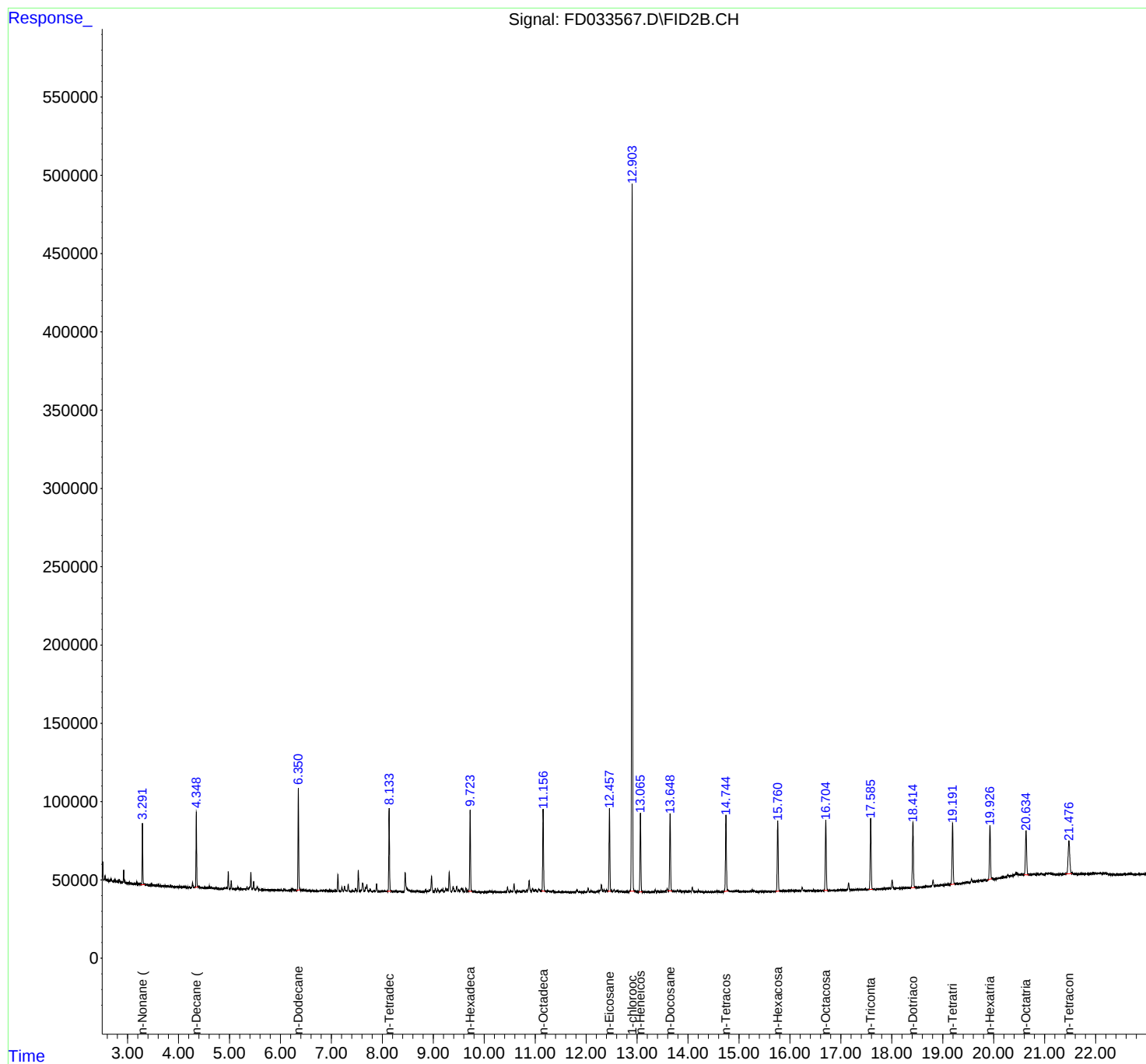
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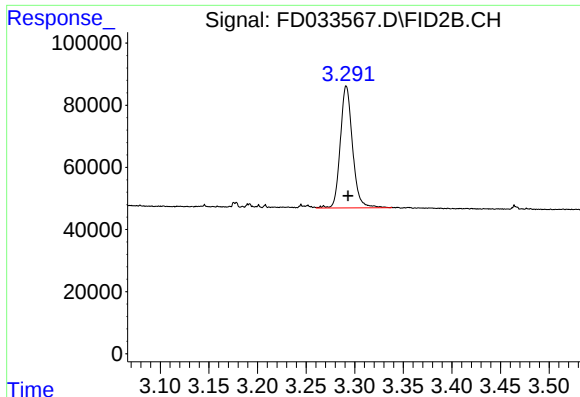
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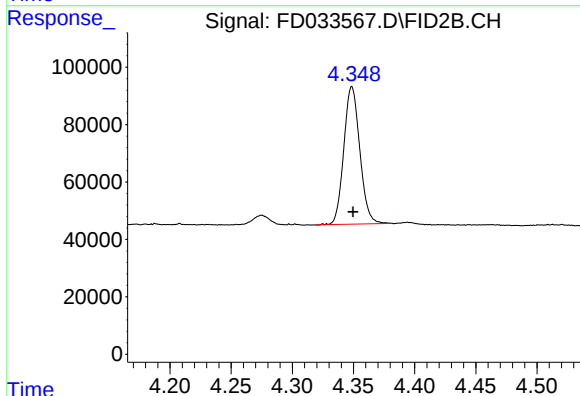
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 344109
Conc: 3.00 ug/ml m

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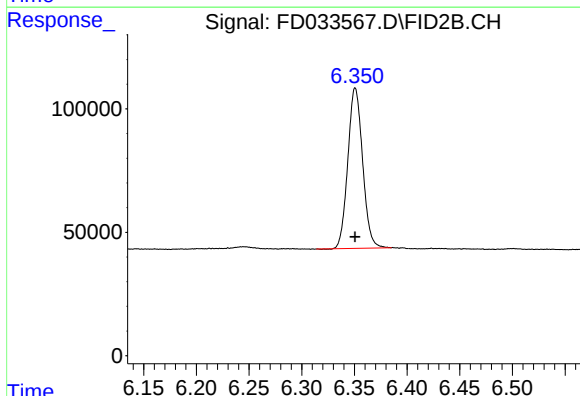
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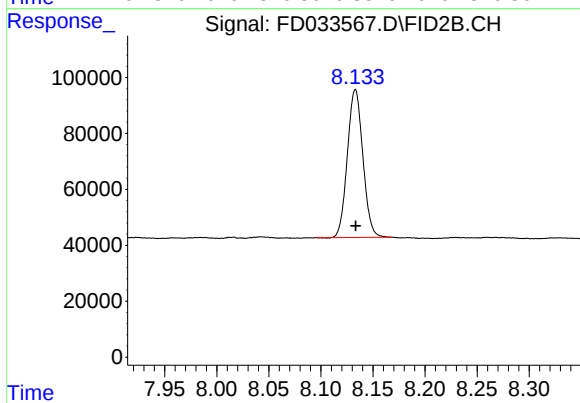
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 435127
Conc: 3.78 ug/ml



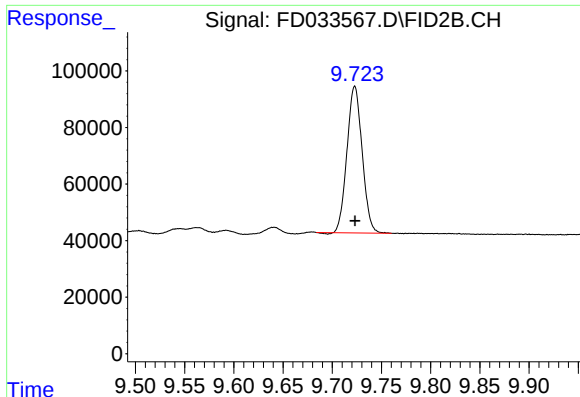
#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 634555
Conc: 5.33 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 548479
Conc: 4.54 ug/ml



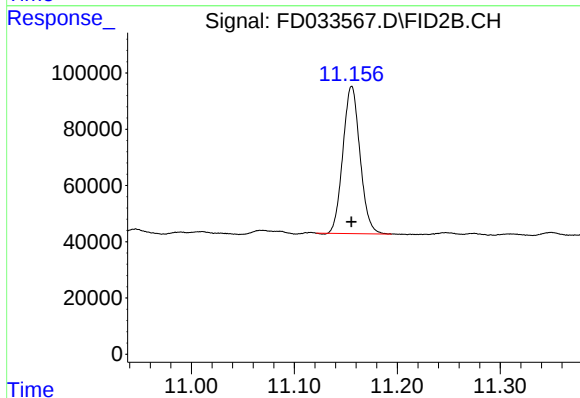
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 557234
Conc: 4.67 ug/ml

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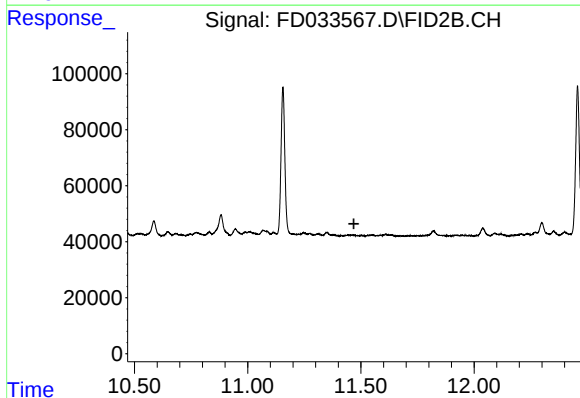
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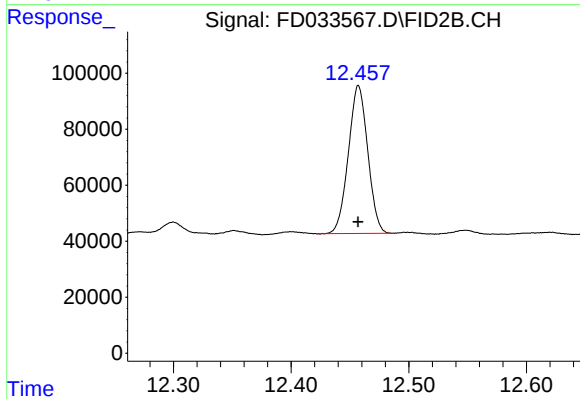
#8 n-Octadecane (C18)

R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 605711
Conc: 4.78 ug/ml



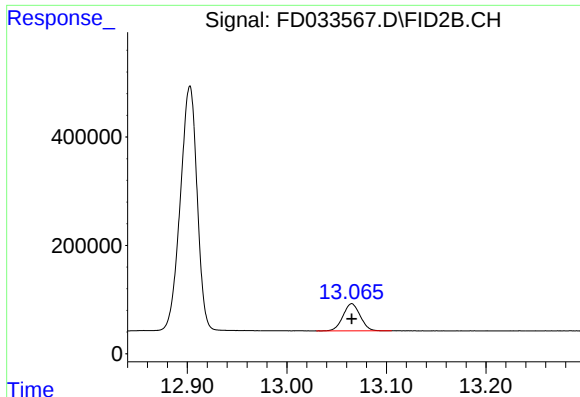
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.469 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 604583
Conc: 4.69 ug/ml



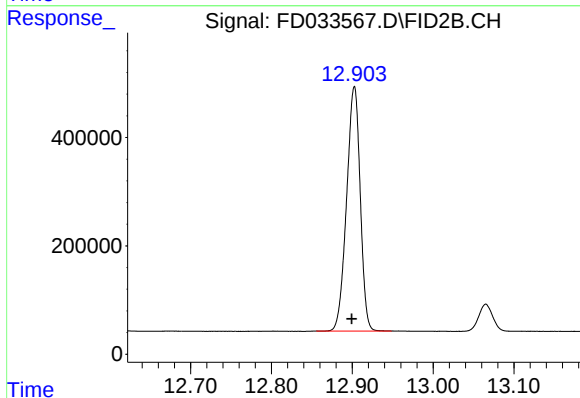
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 600855
Conc: 4.66 ug/ml

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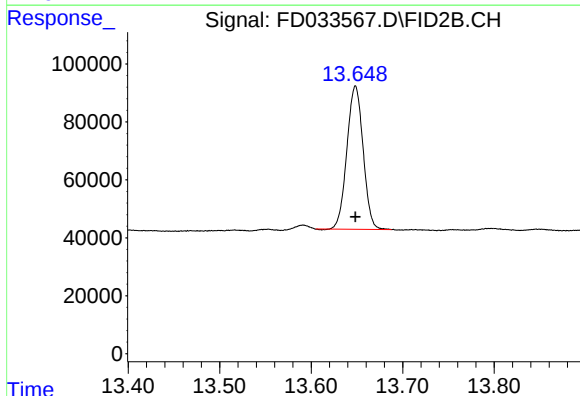
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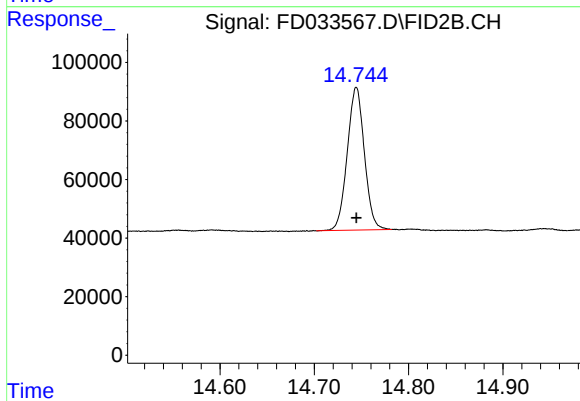
#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min
Delta R.T.: 0.003 min
Response: 5287680
Conc: 47.55 ug/ml



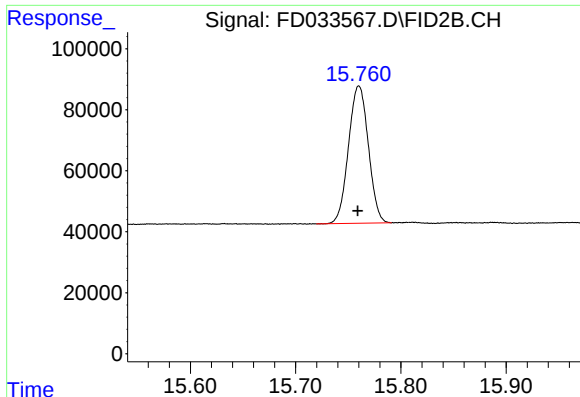
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 609200
Conc: 4.75 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.745 min
Delta R.T.: 0.000 min
Response: 613915
Conc: 4.82 ug/ml



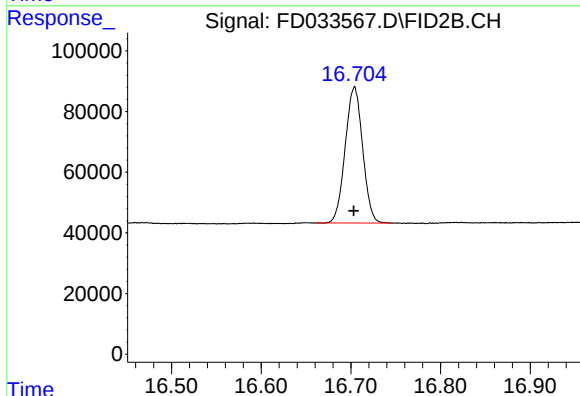
#15 n-Hexacosane (C26)

R.T.: 15.760 min
Delta R.T.: 0.000 min
Response: 590360
Conc: 4.71 ug/ml

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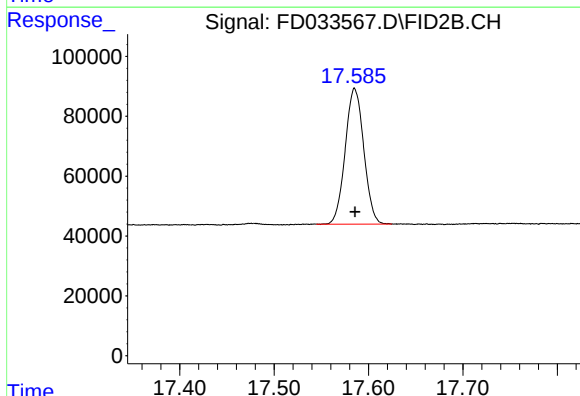
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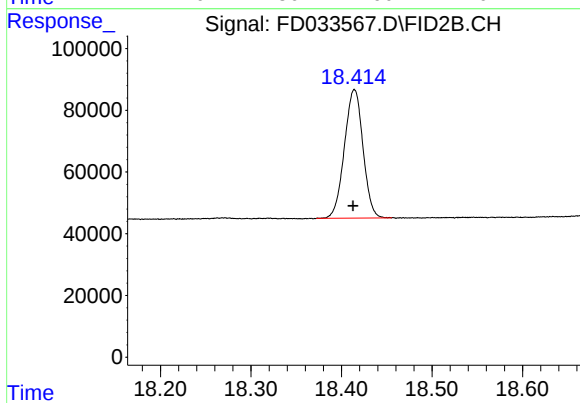
#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: 0.000 min
Response: 606407
Conc: 4.88 ug/ml



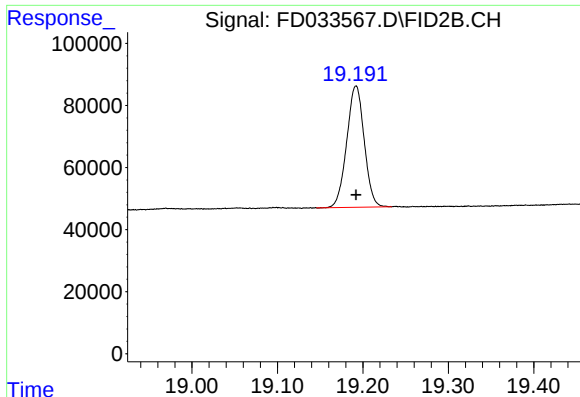
#17 n-Tricontane (C30)

R.T.: 17.585 min
Delta R.T.: 0.000 min
Response: 619634
Conc: 5.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.414 min
Delta R.T.: 0.002 min
Response: 593876
Conc: 5.42 ug/ml



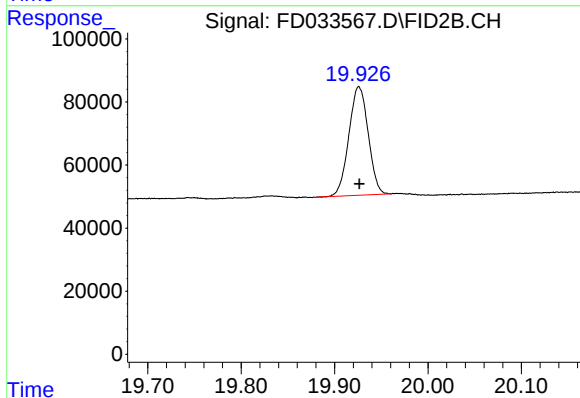
#19 n-Tetratriacontane (C34)

R.T.: 19.192 min
Delta R.T.: 0.000 min
Response: 555272
Conc: 5.42 ug/ml

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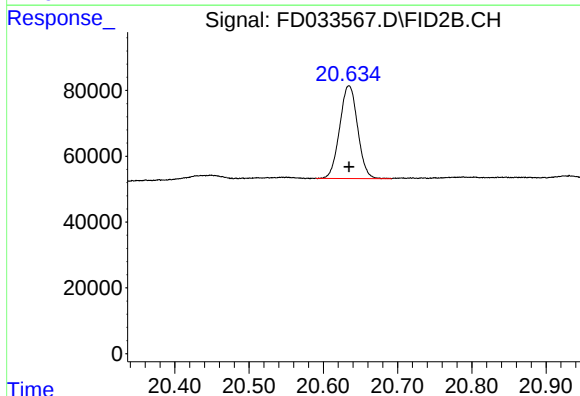
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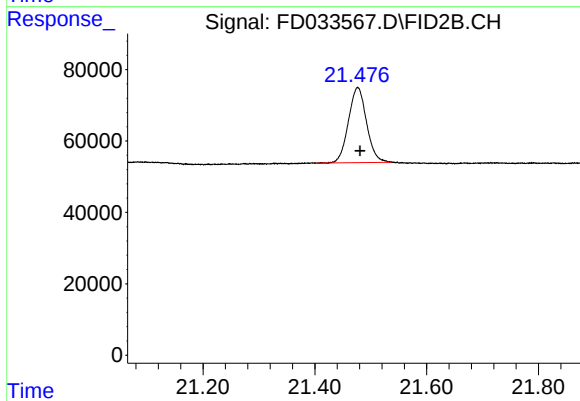
#20 n-Hexatriacontane (C36)

R.T.: 19.926 min
Delta R.T.: 0.000 min
Response: 495384
Conc: 5.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: 0.000 min
Response: 472265
Conc: 5.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: -0.004 min
Response: 471616
Conc: 5.31 ug/ml