

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040721AL\
 Data File : FD036760.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2021 11:58
 Operator : DD\AJ
 Sample : M1458-03
 Misc : MDL-SOIL-2.5 PPM
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Manual Integrations
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Integration File: sample.E
 Quant Time: Apr 08 03:09:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 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...	12.922	5189004	44.587 ug/ml
Spiked Amount 50.000		Recovery =	89.17%
Target Compounds			
1) T n-Nonane (C9)	3.289	307547	2.419 ug/ml
2) T n-Decane (C10)	4.348	310695	2.411 ug/ml
4) T n-Dodecane (C12)	6.356	319774	2.412 ug/ml
6) T n-Tetradecane (C14)	8.143	323919	2.383 ug/ml
7) T n-Hexadecane (C16)	9.737	323046	2.426 ug/ml
8) T n-Octadecane (C18)	11.173	337600	2.437 ug/ml
10) T n-Eicosane (C20)	12.475	315436	2.282 ug/ml
11) T n-Heneicosane (C21)	13.084	309579	2.249 ug/ml
13) T n-Docosane (C22)	13.668	299640	2.203 ug/ml
14) T n-Tetracosane (C24)	14.765	285821	2.156 ug/ml
15) T n-Hexacosane (C26)	15.780	267317	2.111 ug/ml
16) T n-Octacosane (C28)	16.724	269133	2.232 ug/ml
17) T n-Tricontane (C30)	17.606	292090	2.543 ug/ml
18) T n-Dotriacontane (C32)	18.433	301979	2.746 ug/ml
19) T n-Tetratriacontane (C34)	19.211	276048	2.688 ug/ml
20) T n-Hexatriacontane (C36)	19.946	243411	2.491 ug/ml
21) T n-Octatriacontane (C38)	20.656	228194	2.468 ug/ml
22) T n-Tetracontane (C40)	21.505	241233	2.392 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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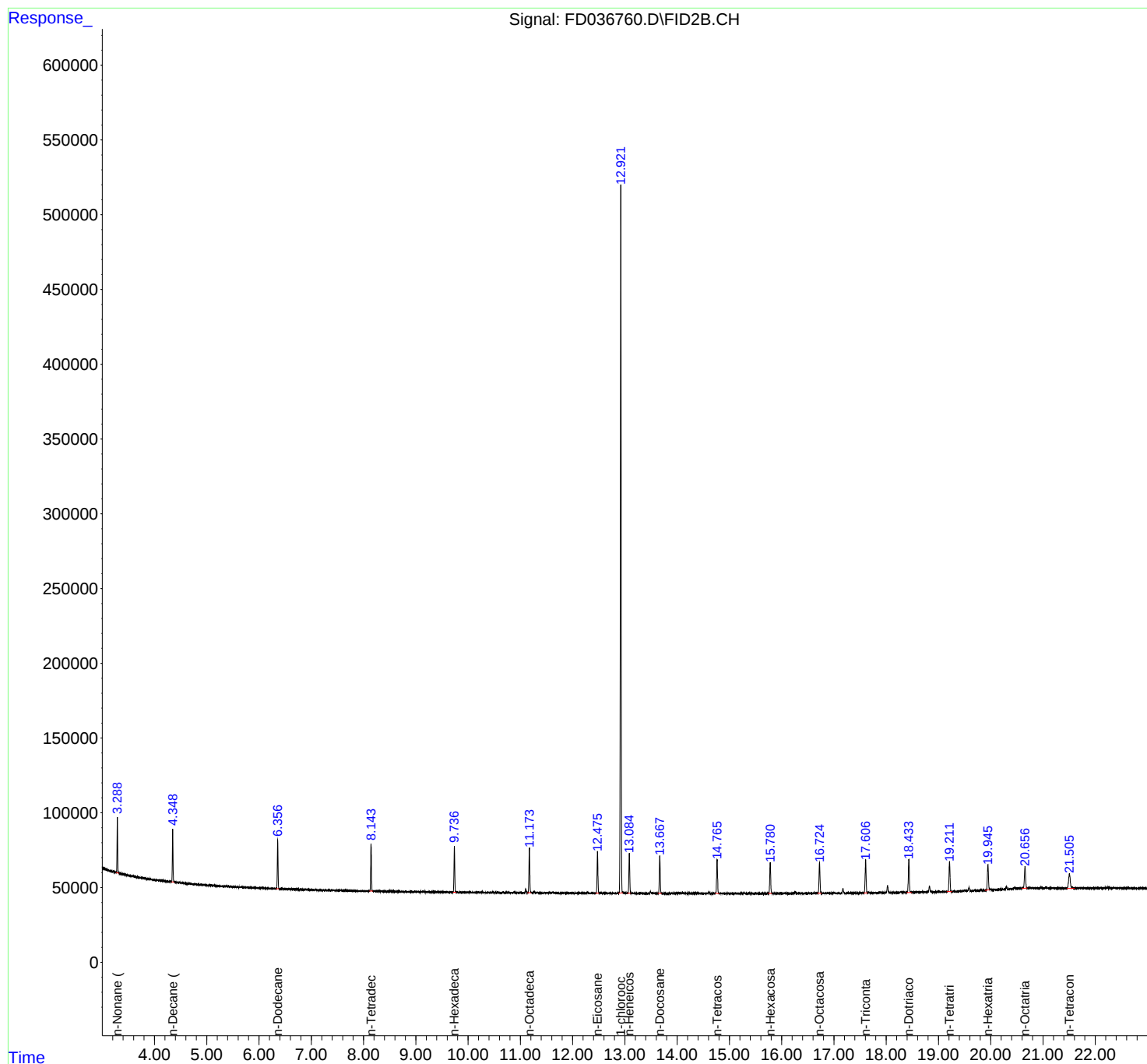
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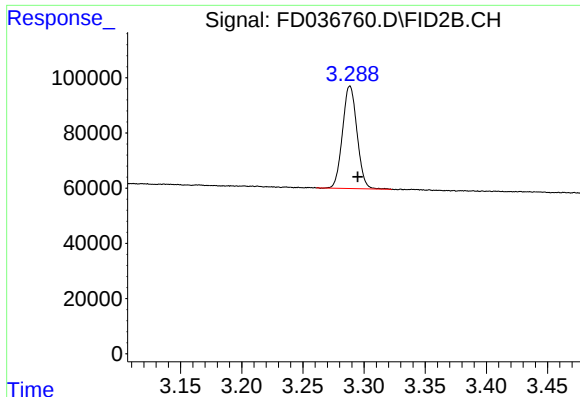
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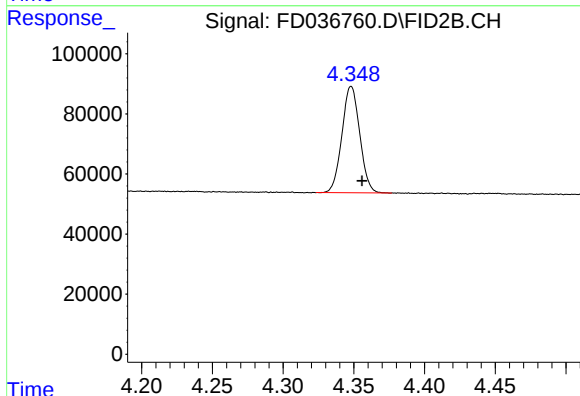
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 307547
Conc: 2.42 ug/ml

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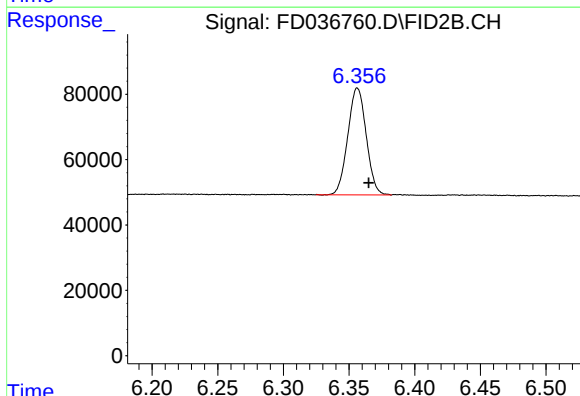
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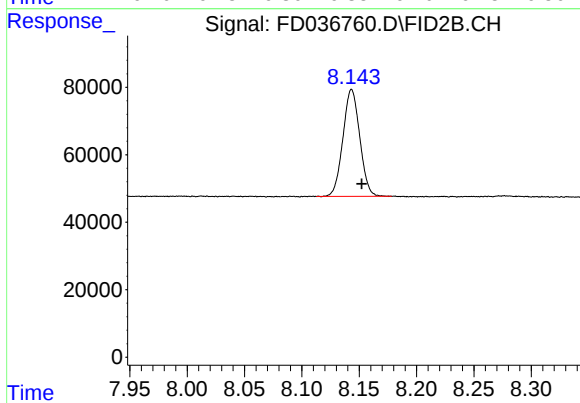
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.008 min
Response: 310695
Conc: 2.41 ug/ml



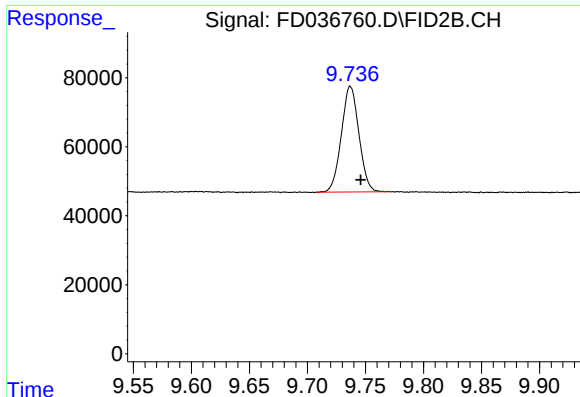
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: -0.009 min
Response: 319774
Conc: 2.41 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.009 min
Response: 323919
Conc: 2.38 ug/ml



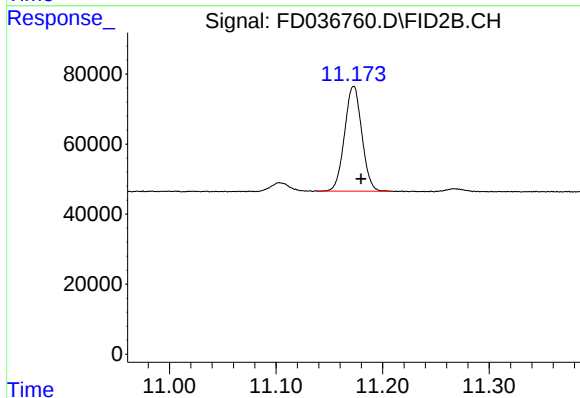
#7 n-Hexadecane (C16)

R.T.: 9.737 min
Delta R.T.: -0.009 min
Response: 323046
Conc: 2.43 ug/ml

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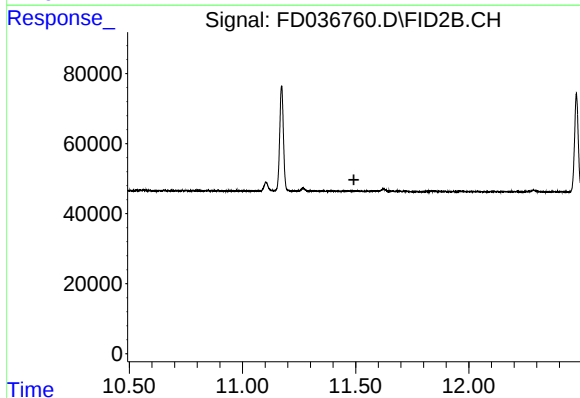
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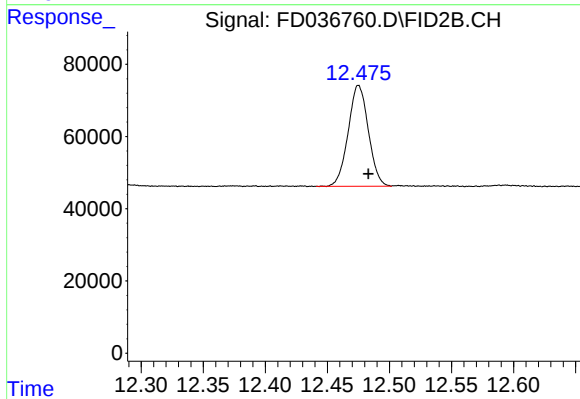
#8 n-Octadecane (C18)

R.T.: 11.173 min
Delta R.T.: -0.007 min
Response: 337600
Conc: 2.44 ug/ml



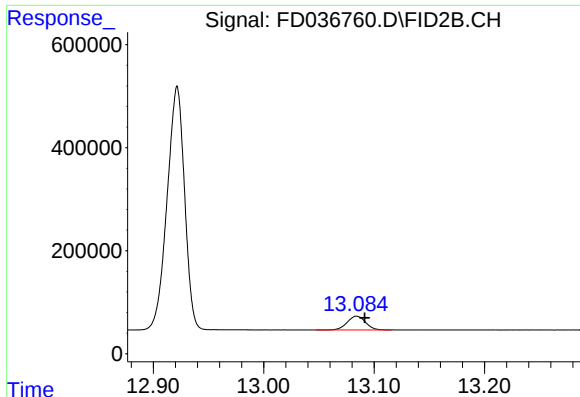
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.492 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: -0.008 min
Response: 315436
Conc: 2.28 ug/ml



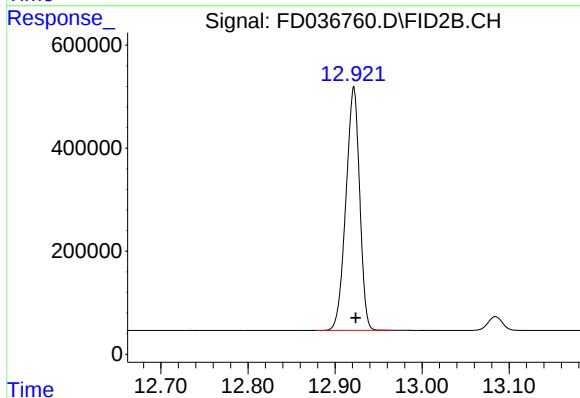
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 309579
Conc: 2.25 ug/ml

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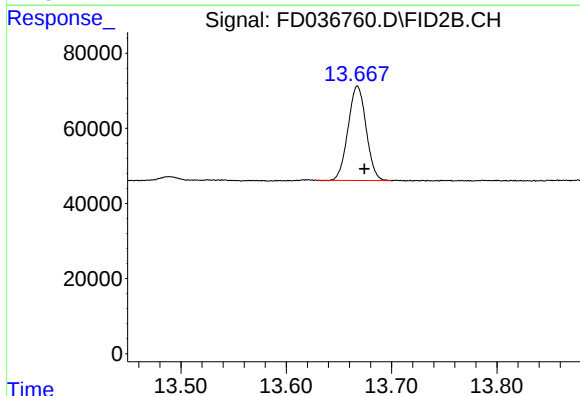
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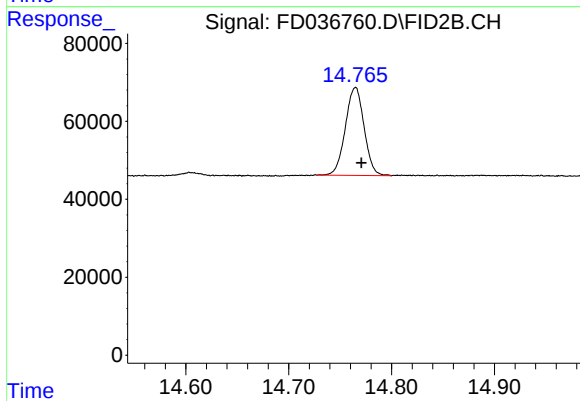
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: -0.002 min
Response: 5189004
Conc: 44.59 ug/ml



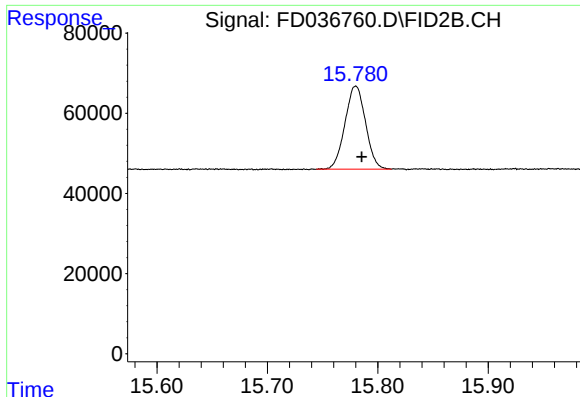
#13 n-Docosane (C22)

R.T.: 13.668 min
Delta R.T.: -0.007 min
Response: 299640
Conc: 2.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.006 min
Response: 285821
Conc: 2.16 ug/ml



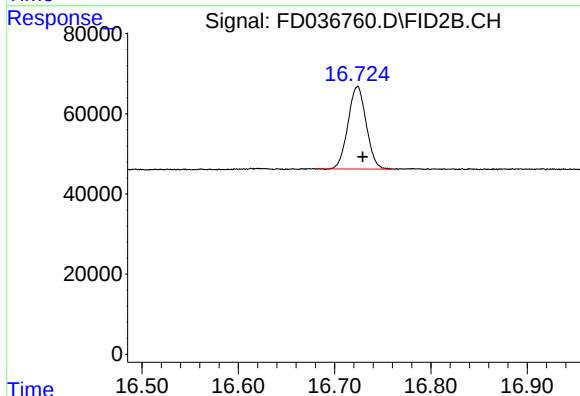
#15 n-Hexacosane (C26)

R.T.: 15.780 min
Delta R.T.: -0.005 min
Response: 267317
Conc: 2.11 ug/ml

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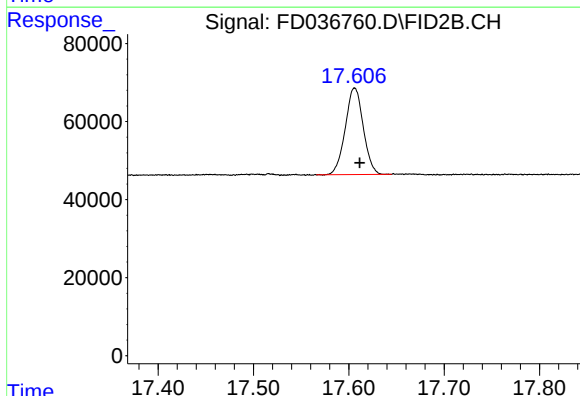
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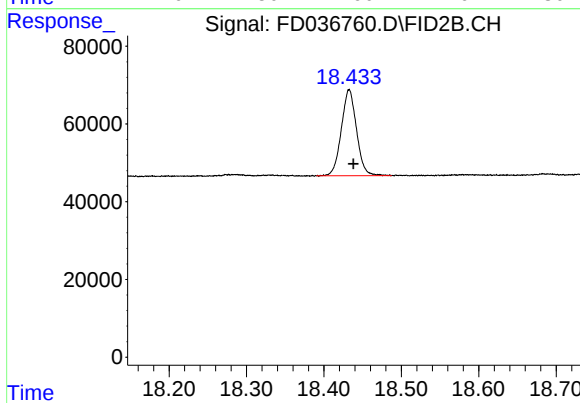
#16 n-Octacosane (C28)

R.T.: 16.724 min
Delta R.T.: -0.005 min
Response: 269133
Conc: 2.23 ug/ml



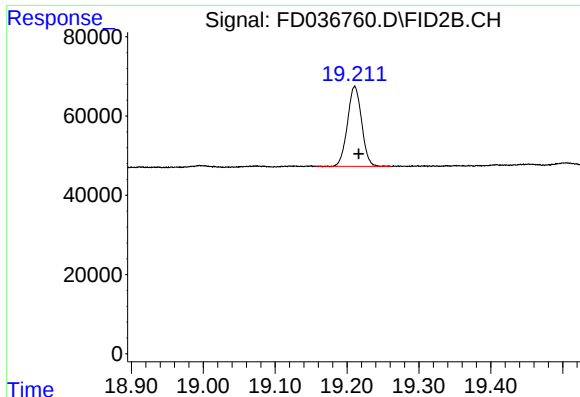
#17 n-Tricontane (C30)

R.T.: 17.606 min
Delta R.T.: -0.005 min
Response: 292090
Conc: 2.54 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.433 min
Delta R.T.: -0.005 min
Response: 301979
Conc: 2.75 ug/ml



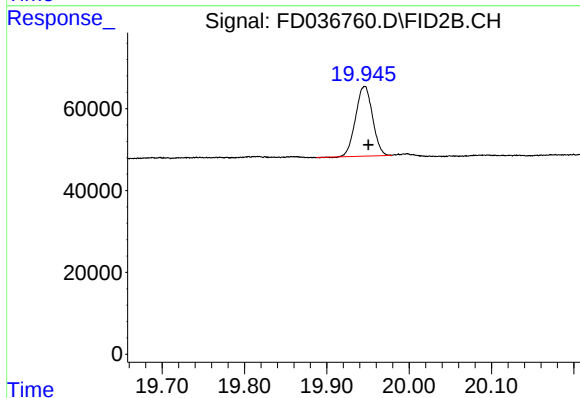
#19 n-Tetratriacontane (C34)

R.T.: 19.211 min
Delta R.T.: -0.006 min
Response: 276048
Conc: 2.69 ug/ml

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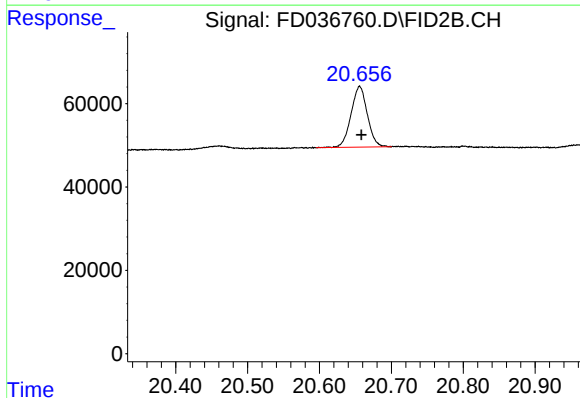
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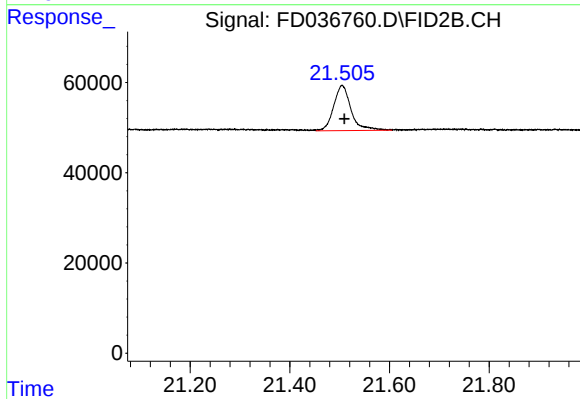
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min
Delta R.T.: -0.004 min
Response: 243411
Conc: 2.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.656 min
Delta R.T.: -0.002 min
Response: 228194
Conc: 2.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.505 min
Delta R.T.: -0.004 min
Response: 241233
Conc: 2.39 ug/ml m