

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AL\
 Data File : FD035819.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2020 19:50
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Ankita
 12/22/2020 9:48:06 AM

Integration File: autoint1.e
 Quant Time: Dec 22 01:42:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:41:06 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			
9) S ortho-Terphenyl (SURR)	11.485	608570	4.516 ug/ml
Spiked Amount 50.000		Recovery =	9.03%
12) S 1-chlorooctadecane (S...	12.917	486633	4.504 ug/ml
Spiked Amount 50.000		Recovery =	9.01%
Target Compounds			
1) T n-Nonane (C9)	3.289	500231	4.308 ug/ml
2) T n-Decane (C10)	4.348	499124	4.265 ug/ml
3) T A~Naphthalene (C11.7)	5.932	506744	4.056 ug/mlm
4) T n-Dodecane (C12)	6.355	525553	4.340 ug/ml
5) T A~2-methylnaphthalene...	6.984	501934	3.942 ug/mlm
6) T n-Tetradecane (C14)	8.142	532781	4.373 ug/ml
7) T n-Hexadecane (C16)	9.736	522217	4.358 ug/ml
8) T n-Octadecane (C18)	11.171	565825	4.480 ug/ml
10) T n-Eicosane (C20)	12.475	582323	4.567 ug/ml
11) T n-Heneicosane (C21)	13.083	586125	4.606 ug/ml
13) T n-Docosane (C22)	13.667	582057	4.592 ug/ml
14) T n-Tetracosane (C24)	14.765	578839	4.600 ug/ml
15) T n-Hexacosane (C26)	15.781	566535	4.616 ug/ml
16) T n-Octacosane (C28)	16.725	557510	4.656 ug/ml
17) T n-Tricontane (C30)	17.607	545845	4.789 ug/ml
18) T n-Dotriacontane (C32)	18.436	503104	4.881 ug/ml
19) T n-Tetratriacontane (C34)	19.215	457983	4.807 ug/ml
20) T n-Hexatriacontane (C36)	19.951	417018	4.686 ug/ml
21) T n-Octatriacontane (C38)	20.664	392391	4.668 ug/ml
22) T n-Tetracontane (C40)	21.525	383841	4.488 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID2B.CH
Acq On : 21 Dec 2020 19:50
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 61 Sample Multiplier: 1

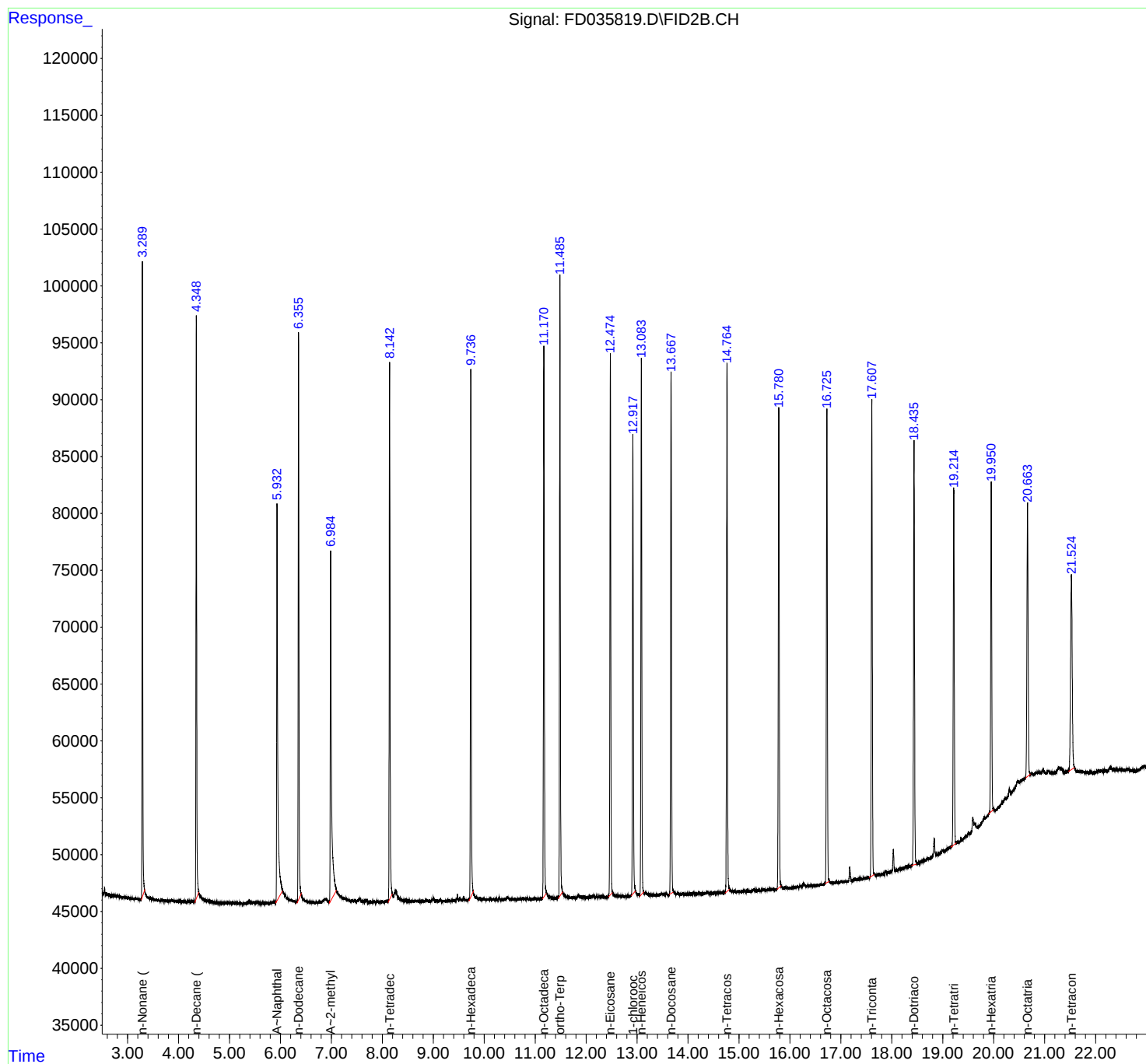
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

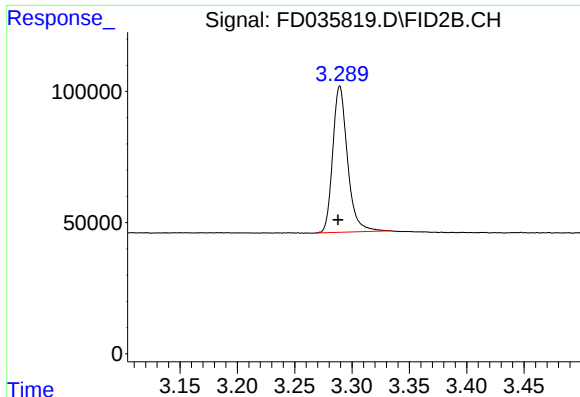
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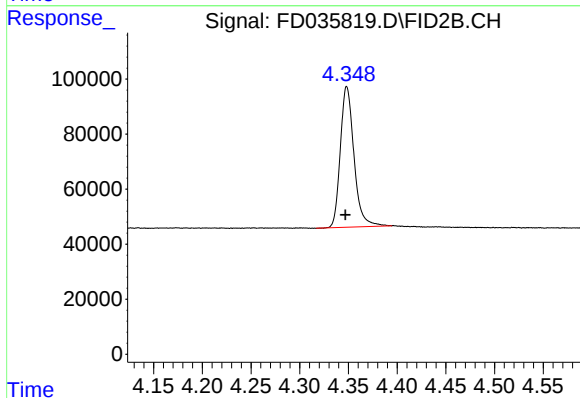
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.001 min
Response: 500231
Conc: 4.31 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

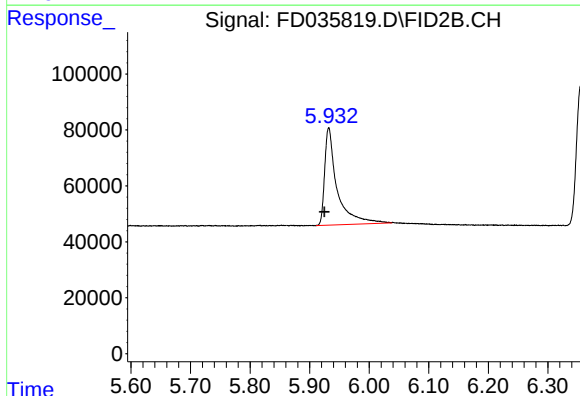
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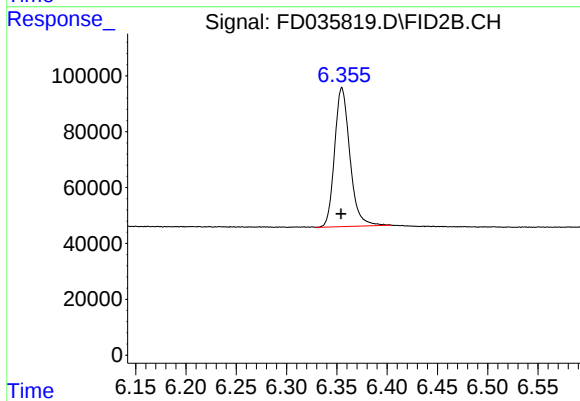
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.001 min
Response: 499124
Conc: 4.27 ug/ml



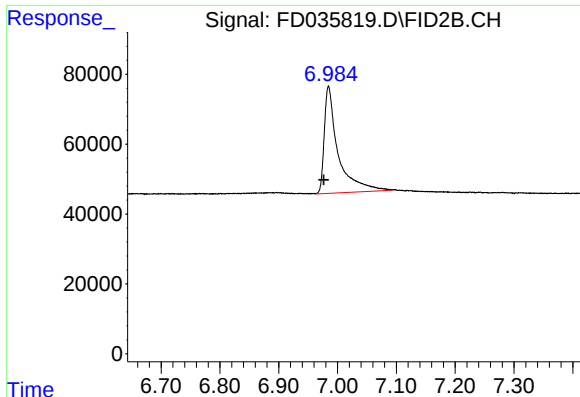
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.007 min
Response: 506744
Conc: 4.06 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 525553
Conc: 4.34 ug/ml



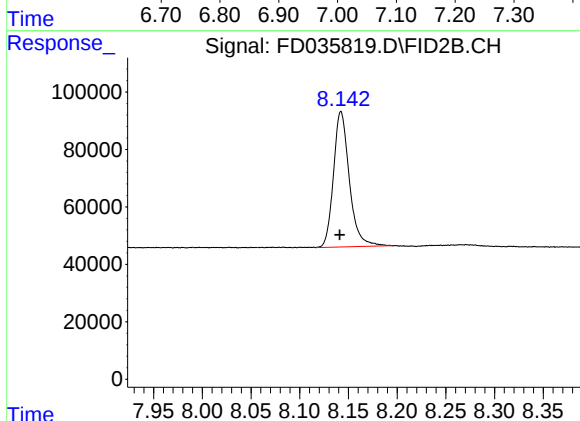
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: 0.008 min
Response: 501934
Conc: 3.94 ug/ml m

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5 PPM ALIPHATIC HC STD5

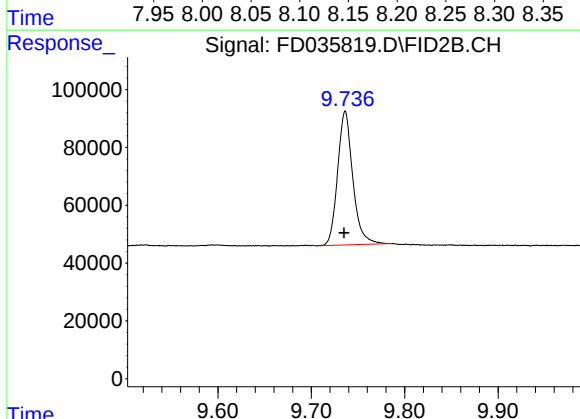
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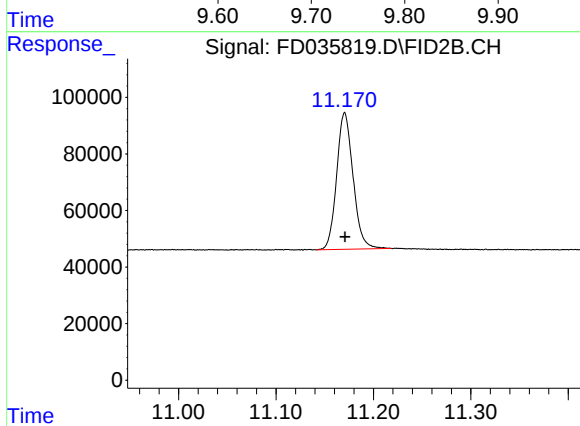
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: 0.001 min
Response: 532781
Conc: 4.37 ug/ml



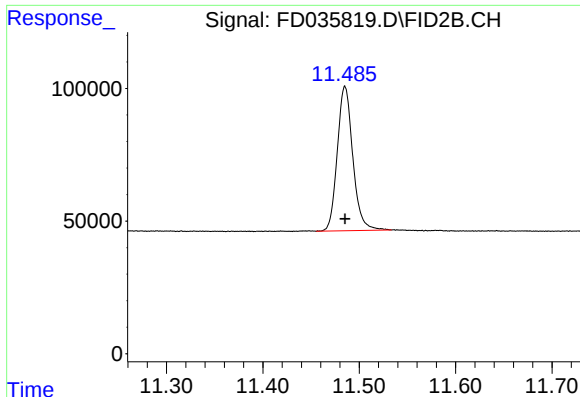
#7 n-Hexadecane (C16)

R.T.: 9.736 min
Delta R.T.: 0.001 min
Response: 522217
Conc: 4.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.171 min
Delta R.T.: 0.000 min
Response: 565825
Conc: 4.48 ug/ml



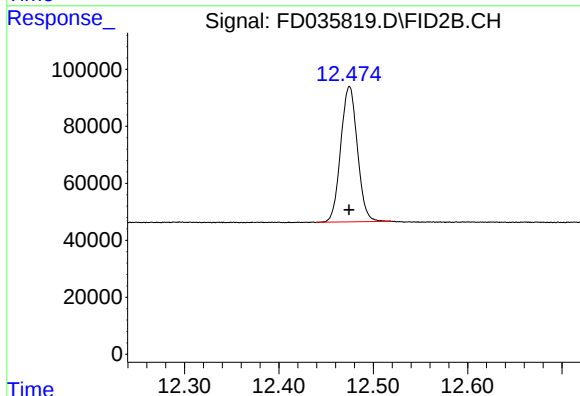
#9 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: 0.000 min
Response: 608570
Conc: 4.52 ug/ml

Instrument :
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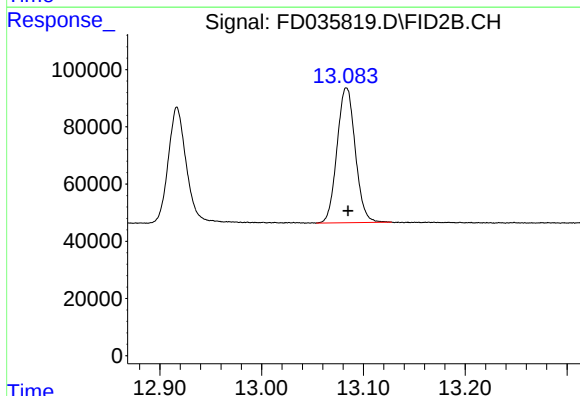
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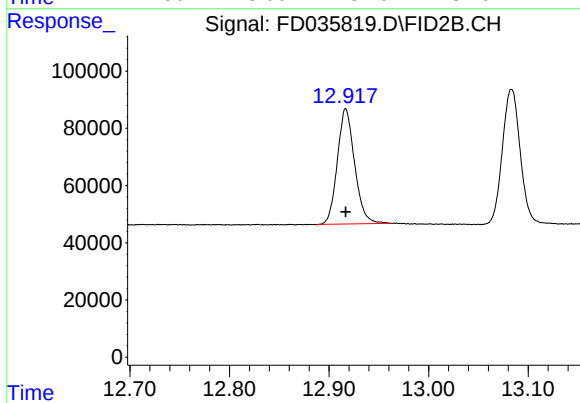
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: 0.000 min
Response: 582323
Conc: 4.57 ug/ml



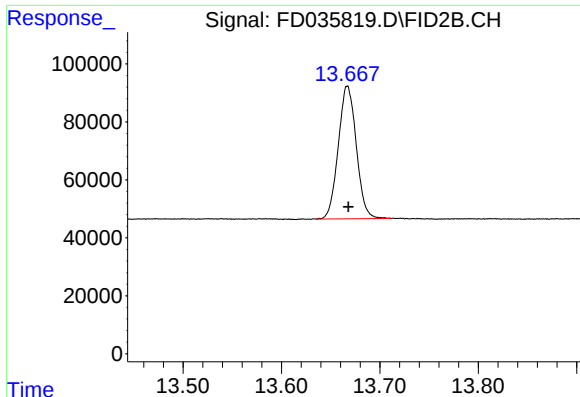
#11 n-Heneicosane (C21)

R.T.: 13.083 min
Delta R.T.: -0.001 min
Response: 586125
Conc: 4.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 486633
Conc: 4.50 ug/ml



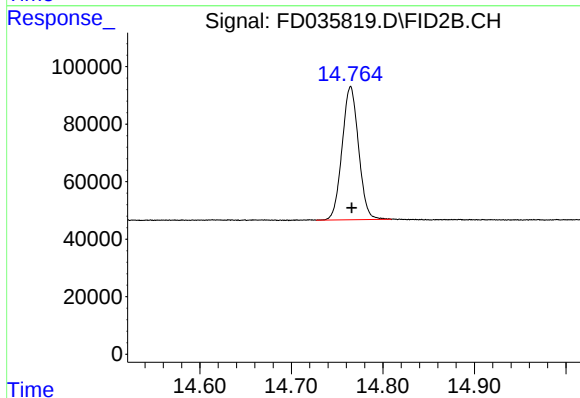
#13 n-Docosane (C22)

R.T.: 13.667 min
Delta R.T.: -0.001 min
Response: 582057
Conc: 4.59 ug/ml

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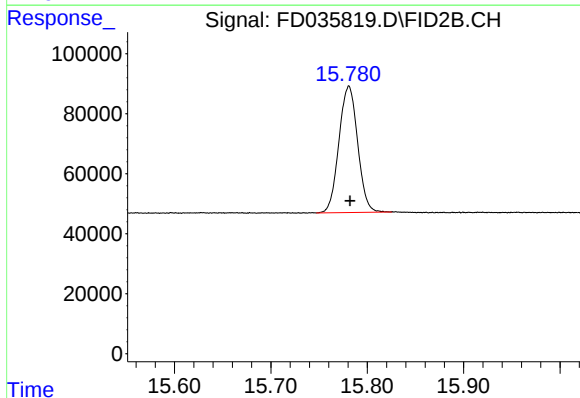
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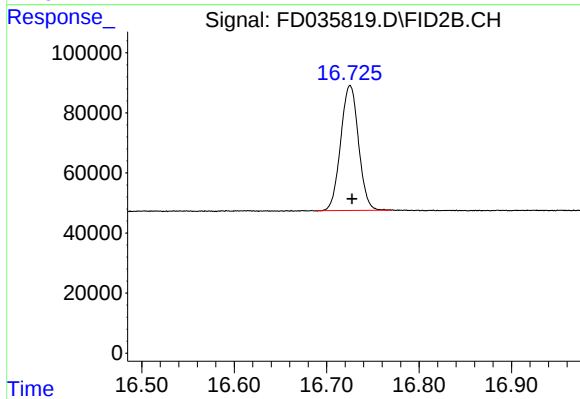
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.001 min
Response: 578839
Conc: 4.60 ug/ml



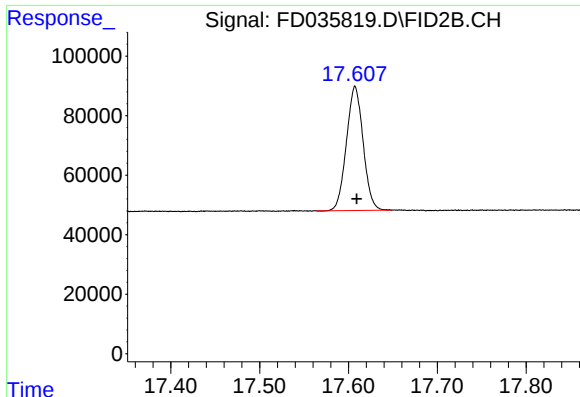
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: -0.001 min
Response: 566535
Conc: 4.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.725 min
Delta R.T.: -0.002 min
Response: 557510
Conc: 4.66 ug/ml



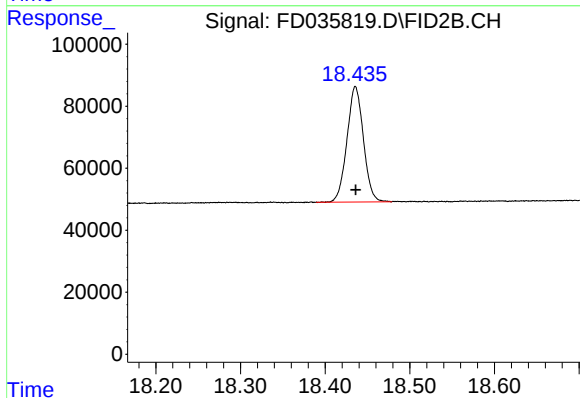
#17 n-Tricontane (C30)

R.T.: 17.607 min
Delta R.T.: -0.002 min
Response: 545845
Conc: 4.79 ug/ml

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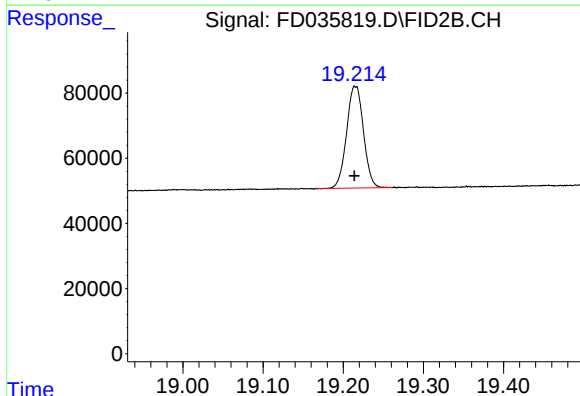
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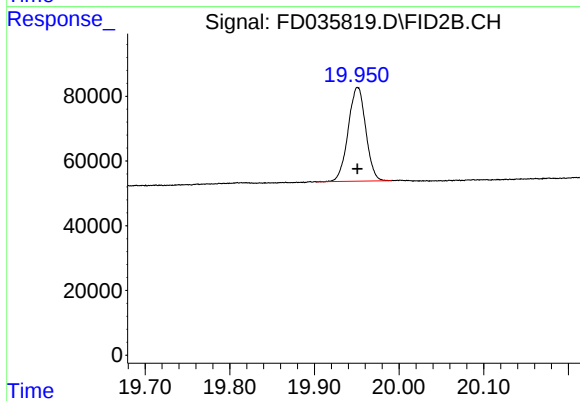
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: 0.000 min
Response: 503104
Conc: 4.88 ug/ml



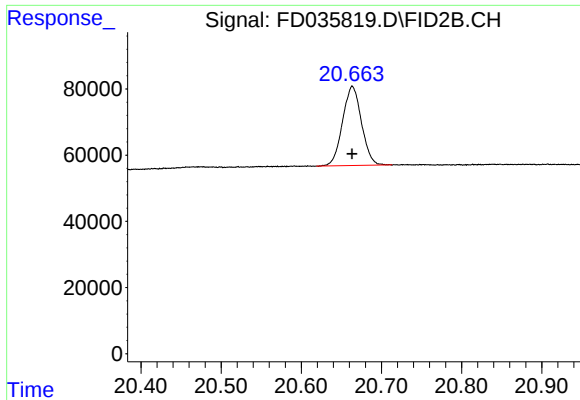
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: 0.001 min
Response: 457983
Conc: 4.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.951 min
Delta R.T.: 0.000 min
Response: 417018
Conc: 4.69 ug/ml



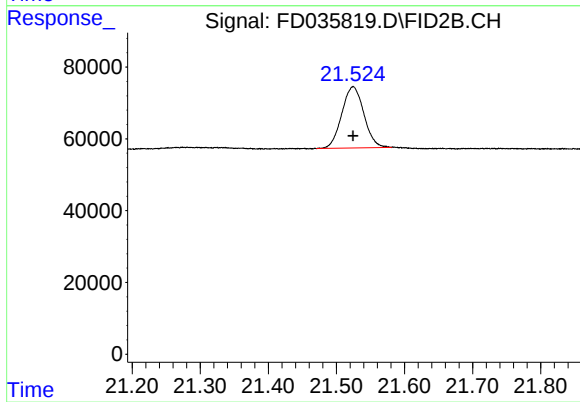
#21 n-Octatriacontane (C38)

R.T.: 20.664 min
Delta R.T.: 0.000 min
Response: 392391
Conc: 4.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.525 min
Delta R.T.: 0.000 min
Response: 383841
Conc: 4.49 ug/ml