

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040553.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 21:15
 Operator : AJ\MA
 Sample : PB141888BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141888BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 00:33:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.626	7520507	48.775 ug/ml
Spiked Amount 50.000		Recovery =	97.55%
12) S 1-chlorooctadecane (S...	12.063	5811002	49.369 ug/ml
Spiked Amount 50.000		Recovery =	98.74%
Target Compounds			
1) T n-Nonane (C9)	2.586	6435382	50.127 ug/ml
2) T n-Decane (C10)	3.567	6967673	54.111 ug/ml
3) T A~Naphthalene (C11.7)	5.092	8383764	59.011 ug/ml
4) T n-Dodecane (C12)	5.529	7623649	59.646 ug/ml
5) T A~2-methylnaphthalene...	6.132	8527269	60.445 ug/ml
6) T n-Tetradecane (C14)	7.308	8147678	62.897 ug/ml
7) T n-Hexadecane (C16)	8.894	8474731	65.048 ug/ml
8) T n-Octadecane (C18)	10.326	8422490	62.158 ug/ml
10) T n-Eicosane (C20)	11.627	8525109	62.675 ug/ml
11) T n-Heneicosane (C21)	12.233	7978634	57.618 ug/ml
13) T n-Docosane (C22)	12.817	7819364	56.708 ug/ml
14) T n-Tetracosane (C24)	13.912	7645533	54.679 ug/ml
15) T n-Hexacosane (C26)	14.929	7237100	52.502 ug/ml
16) T n-Octacosane (C28)	15.871	7003496	51.616 ug/ml
17) T n-Tricontane (C30)	16.756	6803954	52.202 ug/ml
18) T n-Dotriacontane (C32)	17.581	6548049	54.775 ug/ml
19) T n-Tetratriacontane (C34)	18.359	6017602	57.151 ug/ml
20) T n-Hexatriacontane (C36)	19.096	5116499	50.493 ug/ml
21) T n-Octatriacontane (C38)	19.795	4822138	53.972 ug/mlm
22) T n-Tetracontane (C40)	20.594	4956253	57.980 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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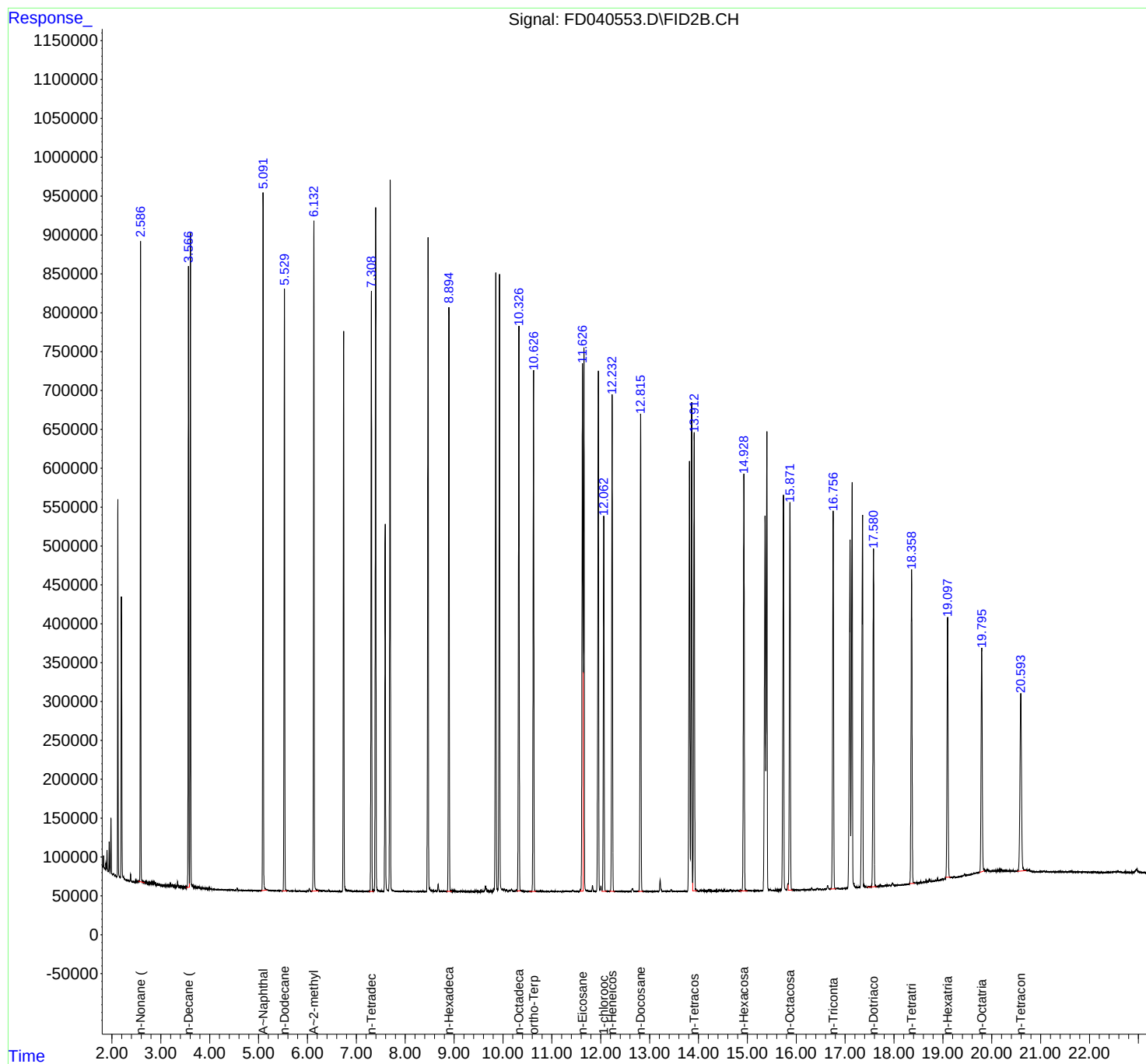
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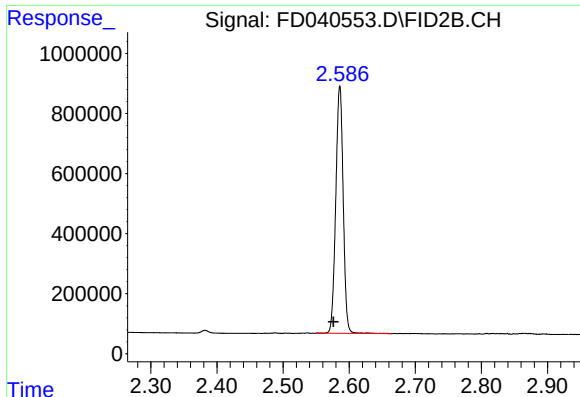
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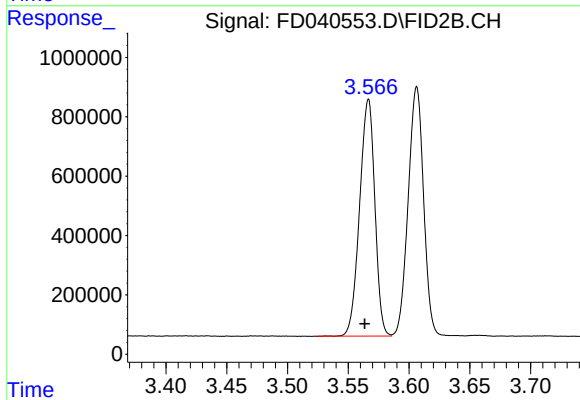
#1 n-Nonane (C9)

R.T.: 2.586 min
Delta R.T.: 0.010 min
Response: 6435382
Conc: 50.13 ug/ml

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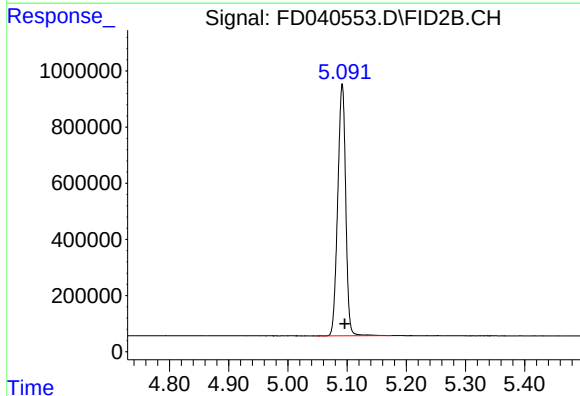
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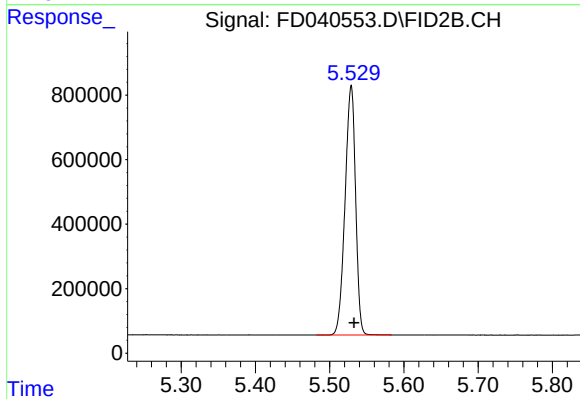
#2 n-Decane (C10)

R.T.: 3.567 min
Delta R.T.: 0.003 min
Response: 6967673
Conc: 54.11 ug/ml



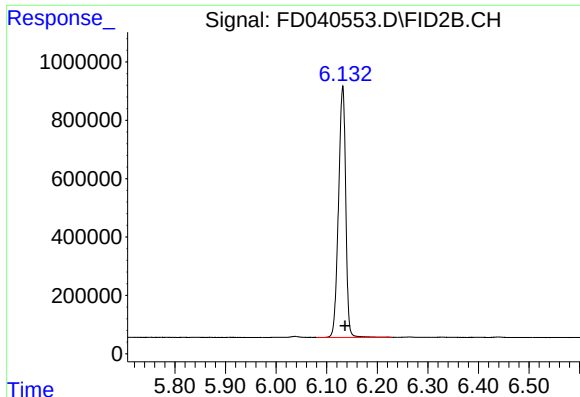
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 8383764
Conc: 59.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 7623649
Conc: 59.65 ug/ml



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

R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 8527269
Conc: 60.45 ug/ml

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FID_D

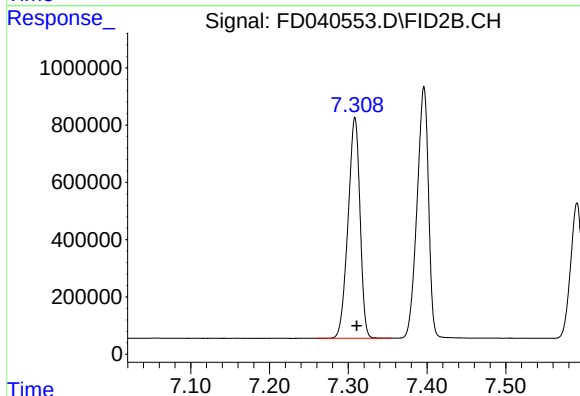
ClientSampleId :

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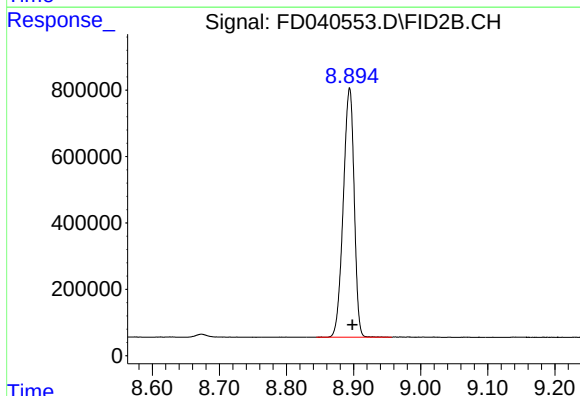
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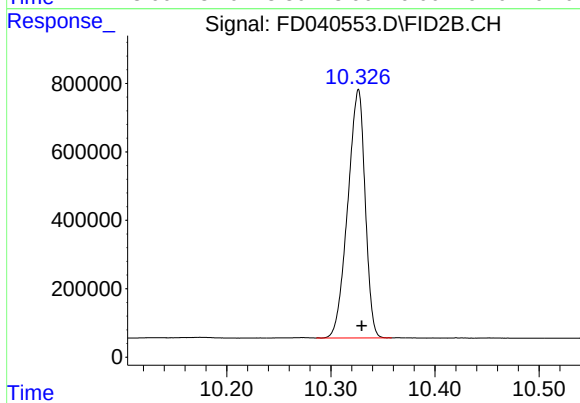
#6 n-Tetradecane (C14)

R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 8147678
Conc: 62.90 ug/ml



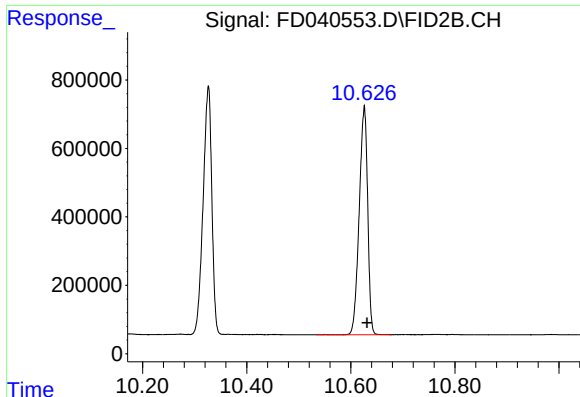
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.004 min
Response: 8474731
Conc: 65.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.326 min
Delta R.T.: -0.003 min
Response: 8422490
Conc: 62.16 ug/ml



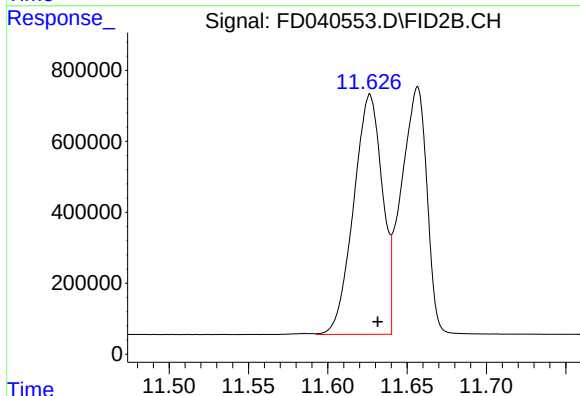
#9 ortho-Terphenyl (SURR)

R.T.: 10.626 min
Delta R.T.: -0.005 min
Response: 7520507
Conc: 48.77 ug/ml

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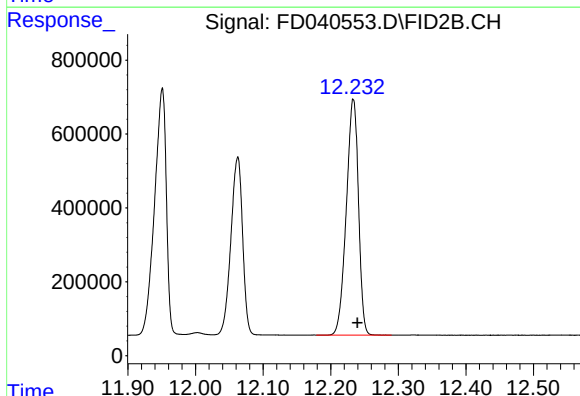
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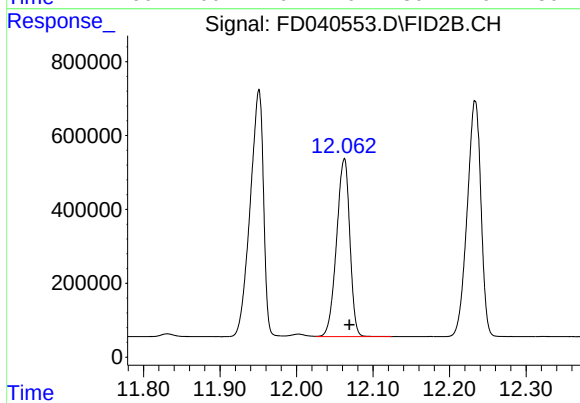
#10 n-Eicosane (C20)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 8525109
Conc: 62.68 ug/ml



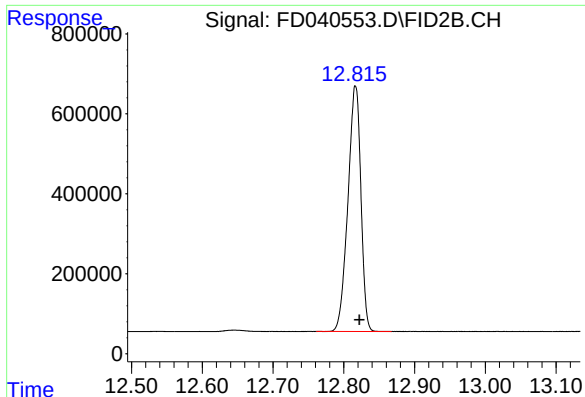
#11 n-Heneicosane (C21)

R.T.: 12.233 min
Delta R.T.: -0.006 min
Response: 7978634
Conc: 57.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.063 min
Delta R.T.: -0.007 min
Response: 5811002
Conc: 49.37 ug/ml



#13 n-Docosane (C22)

R.T.: 12.817 min
Delta R.T.: -0.005 min
Response: 7819364
Conc: 56.71 ug/ml

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FID_D

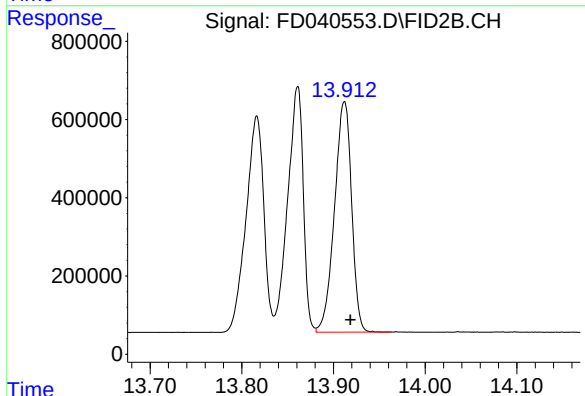
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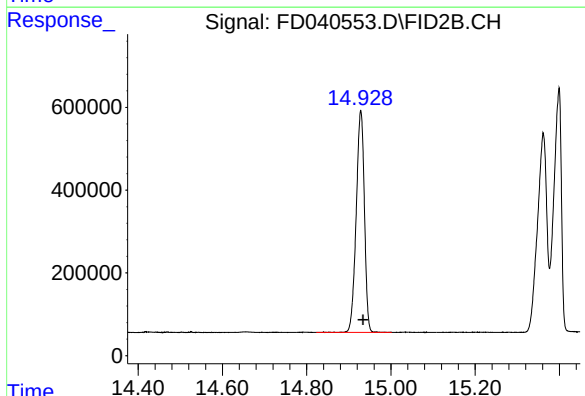
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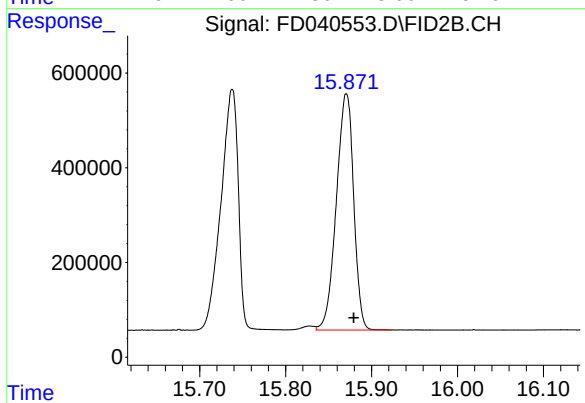
#14 n-Tetracosane (C24)

R.T.: 13.912 min
Delta R.T.: -0.007 min
Response: 7645533
Conc: 54.68 ug/ml



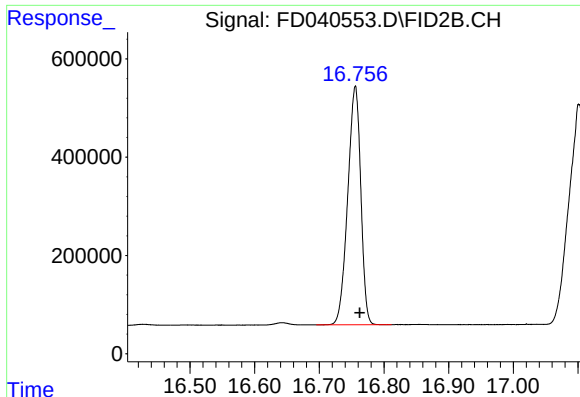
#15 n-Hexacosane (C26)

R.T.: 14.929 min
Delta R.T.: -0.005 min
Response: 7237100
Conc: 52.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.871 min
Delta R.T.: -0.009 min
Response: 7003496
Conc: 51.62 ug/ml



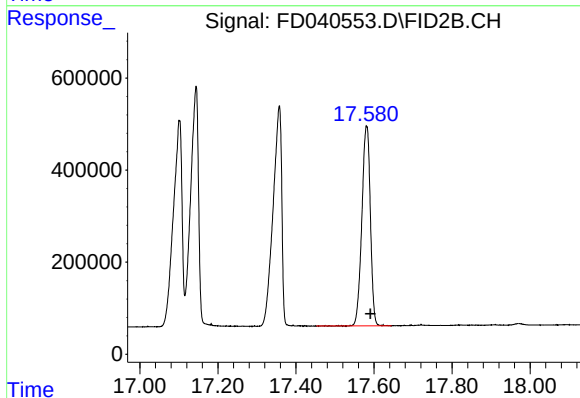
#17 n-Tricontane (C30)

R.T.: 16.756 min
Delta R.T.: -0.007 min
Response: 6803954
Conc: 52.20 ug/ml

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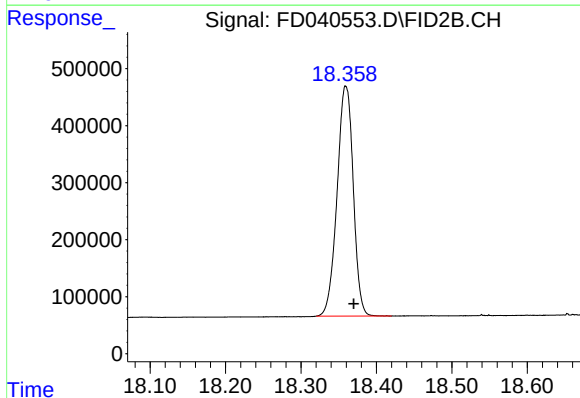
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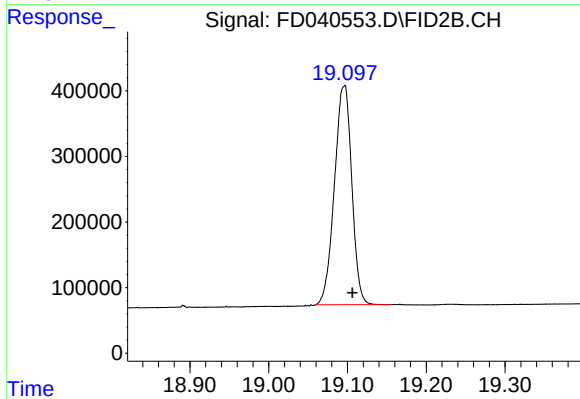
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 6548049
Conc: 54.77 ug/ml



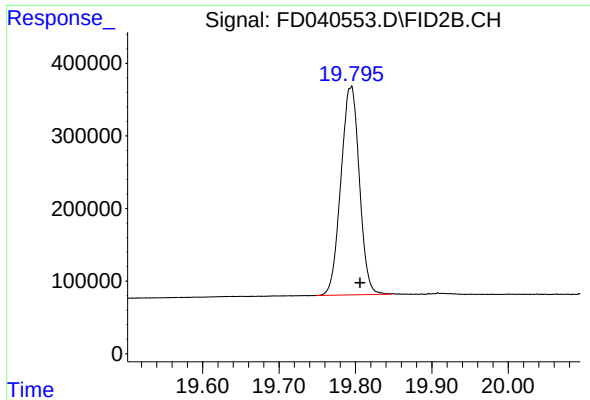
#19 n-Tetratriacontane (C34)

R.T.: 18.359 min
Delta R.T.: -0.011 min
Response: 6017602
Conc: 57.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 5116499
Conc: 50.49 ug/ml



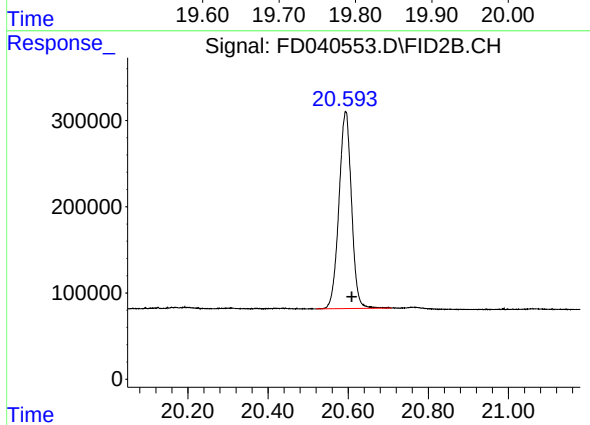
#21 n-Octatriacontane (C38)

R.T.: 19.795 min
Delta R.T.: -0.011 min
Response: 4822138
Conc: 53.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.594 min
Delta R.T.: -0.015 min
Response: 4956253
Conc: 57.98 ug/ml