

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112221AL\
 Data File : FD039583.D
 Signal(s) : FID2B.CH
 Acq On : 22 Nov 2021 19:27
 Operator : AJ\MA
 Sample : PB140939BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB140939BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
 Supervised By :Sohil Jodhani 11/23/2021

Integration File: autoint1.e
 Quant Time: Nov 23 01:23:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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			
9) S ortho-Terphenyl (SURR)	11.665	5908812	46.311 ug/ml
Spiked Amount 50.000		Recovery =	92.62%
12) S 1-chlorooctadecane (S...	13.091	4785946	46.051 ug/ml
Spiked Amount 50.000		Recovery =	92.10%
Target Compounds			
1) T n-Nonane (C9)	3.427	5029157	43.253 ug/ml
2) T n-Decane (C10)	4.495	5372427	45.954 ug/ml
3) T A~Naphthalene (C11.7)	6.086	6023961	46.741 ug/ml
4) T n-Dodecane (C12)	6.509	5692104	48.106 ug/ml
5) T A~2-methylnaphthalene...	7.141	5988886	45.601 ug/ml
6) T n-Tetradecane (C14)	8.303	6173554	52.377 ug/ml
7) T n-Hexadecane (C16)	9.901	6661695	55.592 ug/ml
8) T n-Octadecane (C18)	11.341	6921635	56.555 ug/ml
10) T n-Eicosane (C20)	12.648	6691896	54.260 ug/ml
11) T n-Heneicosane (C21)	13.258	6603561	52.733 ug/ml
13) T n-Docosane (C22)	13.843	6509126	52.407 ug/ml
14) T n-Tetracosane (C24)	14.944	12057961	97.135 ug/ml
15) T n-Hexacosane (C26)	15.963	6093871	49.606 ug/ml
16) T n-Octacosane (C28)	16.907	5978524	51.353 ug/ml
17) T n-Tricontane (C30)	17.793	5718916	48.550 ug/ml
18) T n-Dotriacontane (C32)	18.621	5503022	48.131 ug/ml
19) T n-Tetratriacontane (C34)	19.401	5216593	49.215 ug/ml
20) T n-Hexatriacontane (C36)	20.138	4820801	47.324 ug/ml
21) T n-Octatriacontane (C38)	20.880	4501296	46.906 ug/mlm
22) T n-Tetracontane (C40)	21.803	5323197	57.702 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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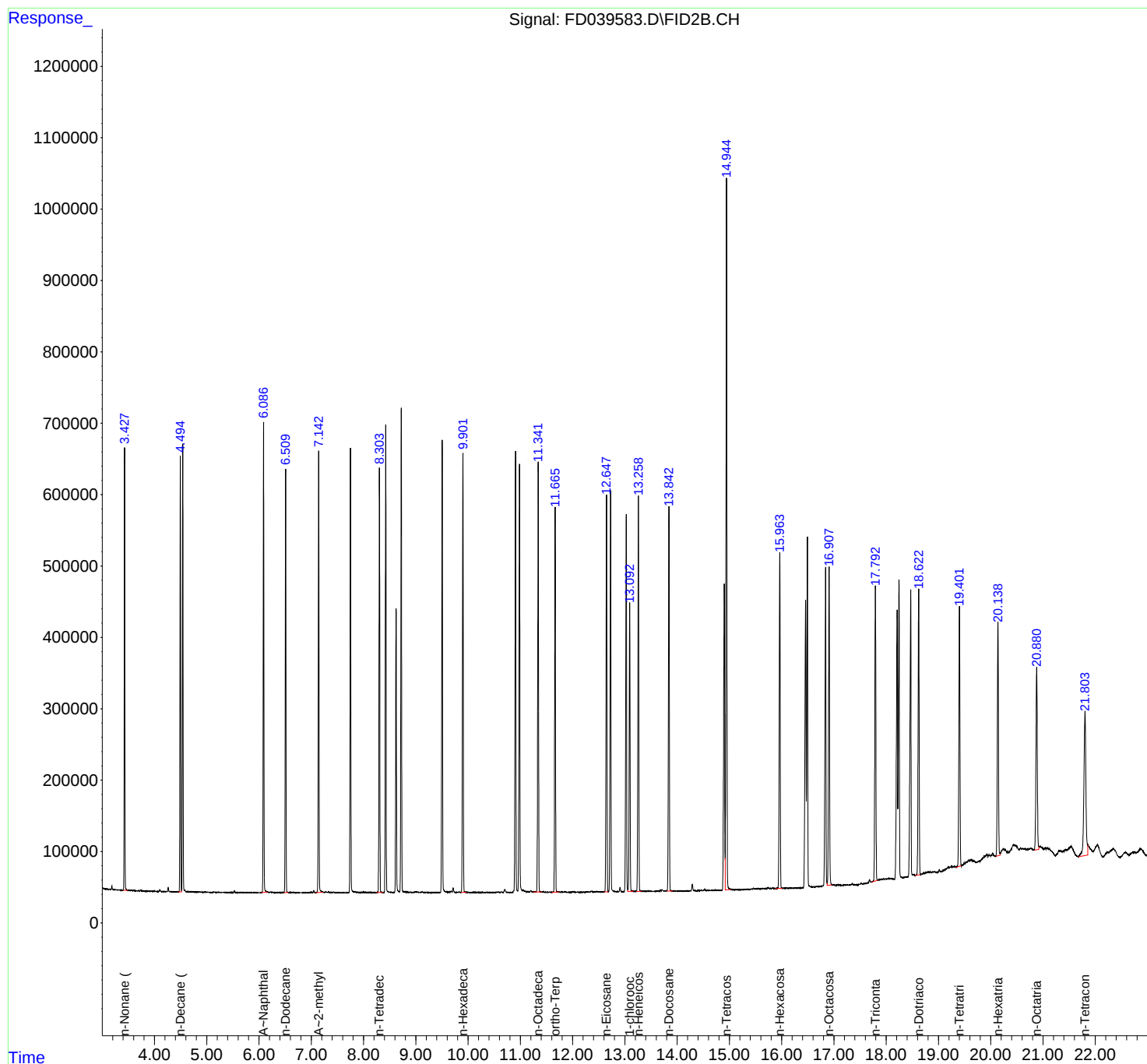
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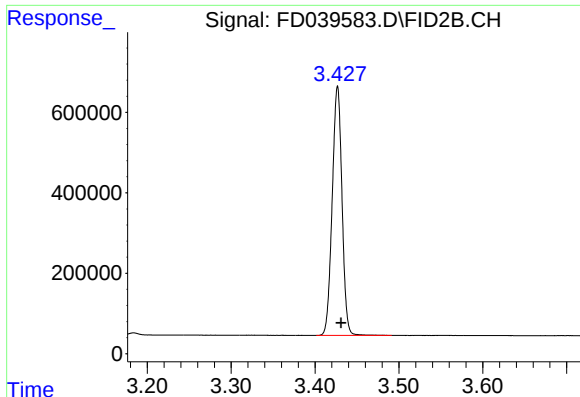
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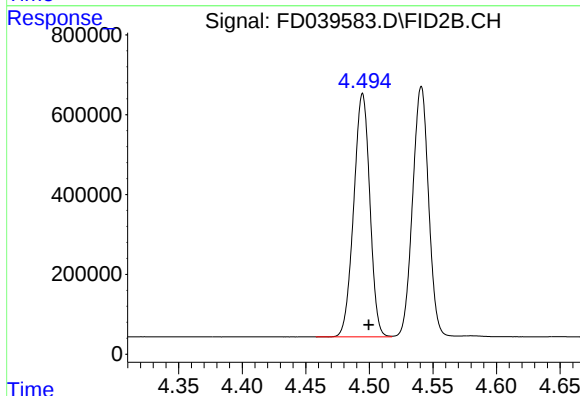
#1 n-Nonane (C9)

R.T.: 3.427 min
Delta R.T.: -0.004 min
Response: 5029157
Conc: 43.25 ug/ml

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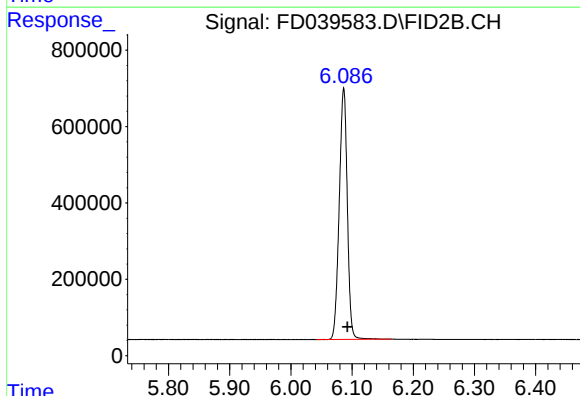
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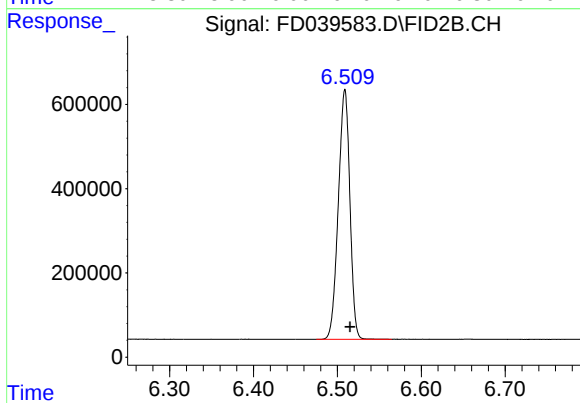
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.005 min
Response: 5372427
Conc: 45.95 ug/ml



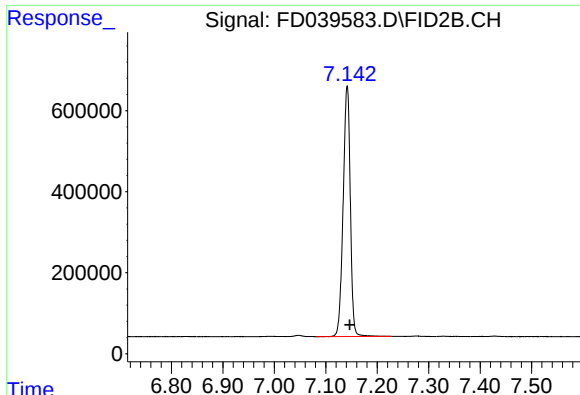
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 6023961
Conc: 46.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 5692104
Conc: 48.11 ug/ml



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

R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 5988886
Conc: 45.60 ug/ml

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FID_D

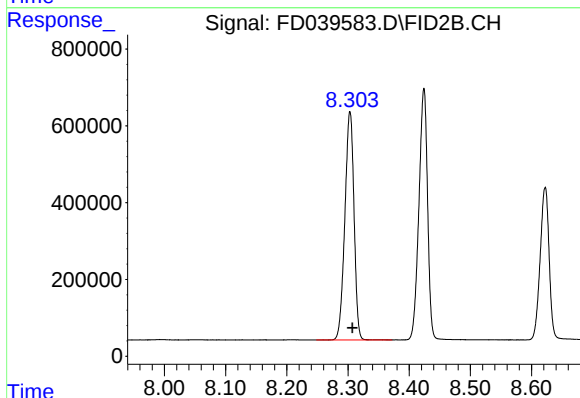
ClientSampleId :

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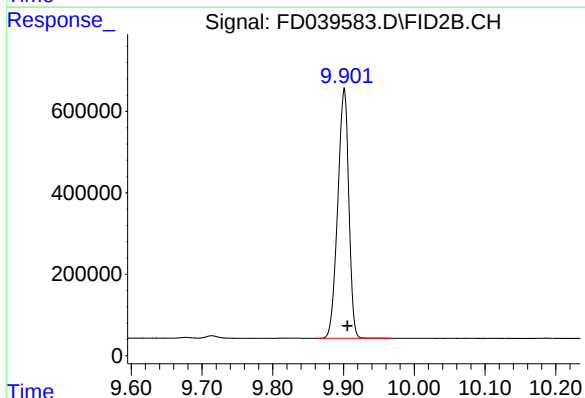
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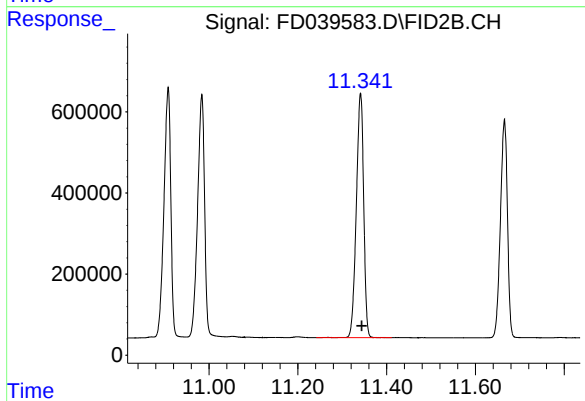
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.004 min
Response: 6173554
Conc: 52.38 ug/ml



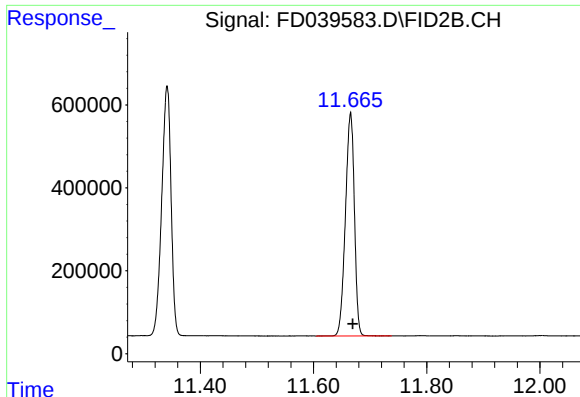
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: -0.005 min
Response: 6661695
Conc: 55.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: -0.003 min
Response: 6921635
Conc: 56.56 ug/ml



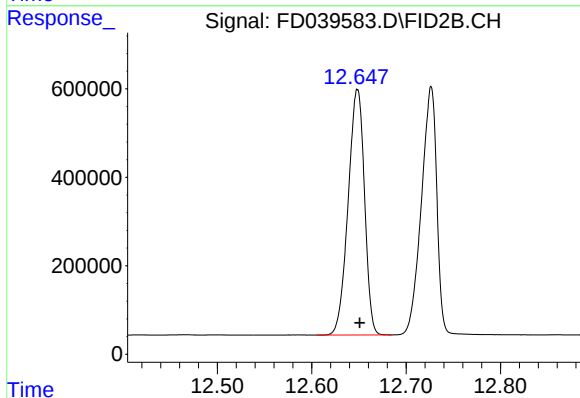
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: -0.004 min
Response: 5908812
Conc: 46.31 ug/ml

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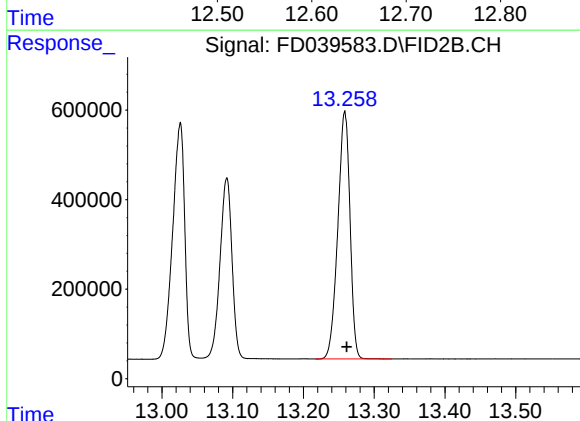
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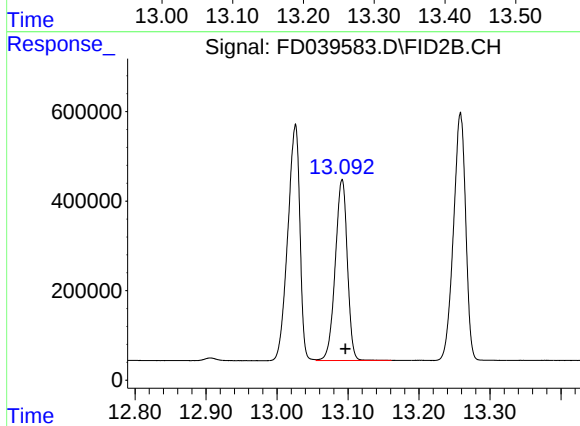
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.003 min
Response: 6691896
Conc: 54.26 ug/ml



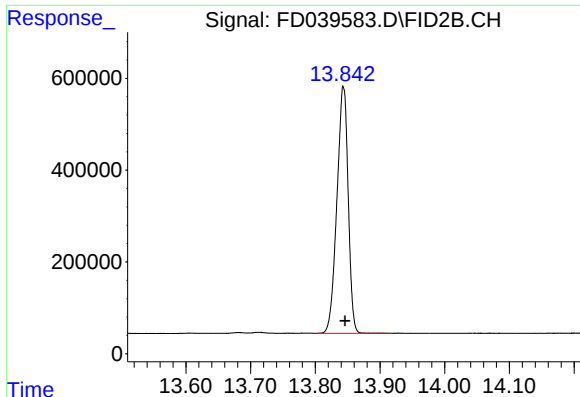
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.003 min
Response: 6603561
Conc: 52.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: -0.005 min
Response: 4785946
Conc: 46.05 ug/ml



#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.003 min
Response: 6509126
Conc: 52.41 ug/ml

Instrument :

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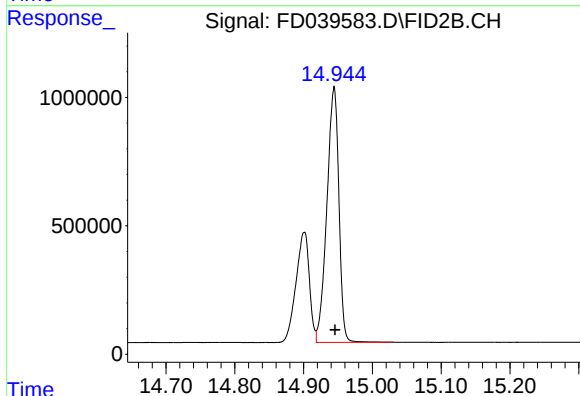
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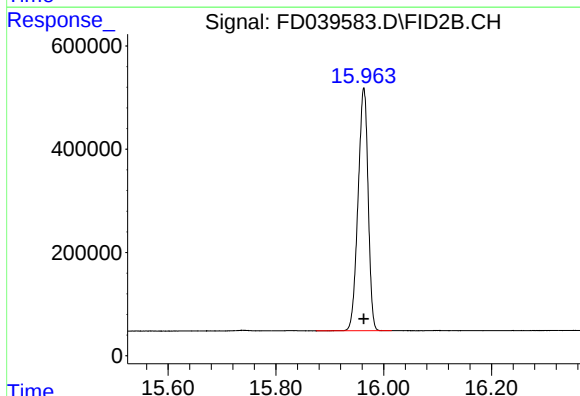
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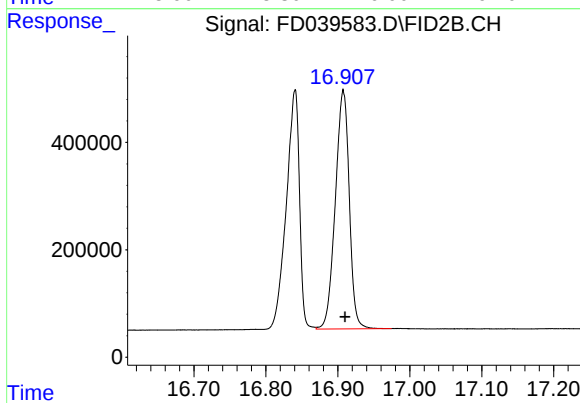
#14 n-Tetracosane (C24)

R.T.: 14.944 min
Delta R.T.: -0.002 min
Response: 12057961
Conc: 97.14 ug/ml



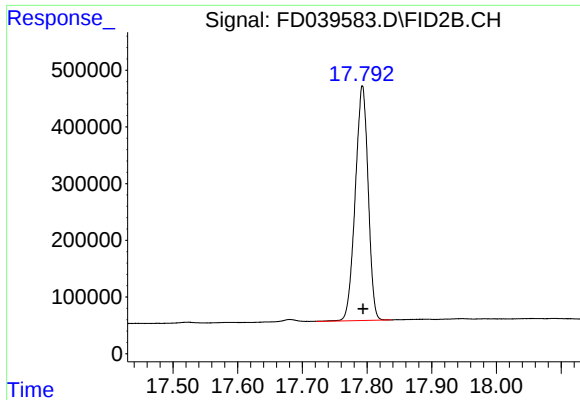
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: 0.000 min
Response: 6093871
Conc: 49.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.907 min
Delta R.T.: -0.002 min
Response: 5978524
Conc: 51.35 ug/ml



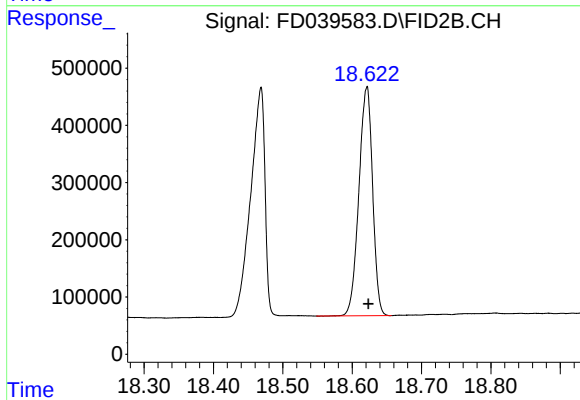
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: -0.001 min
Response: 5718916
Conc: 48.55 ug/ml

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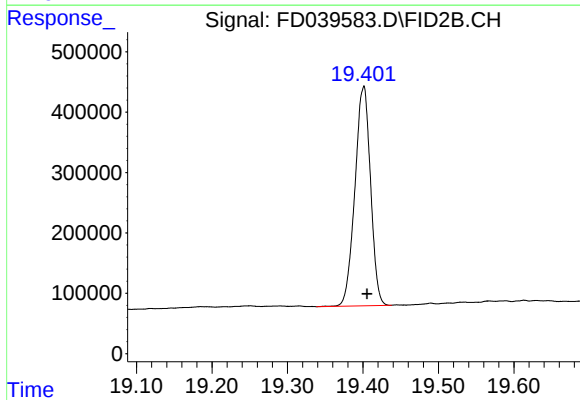
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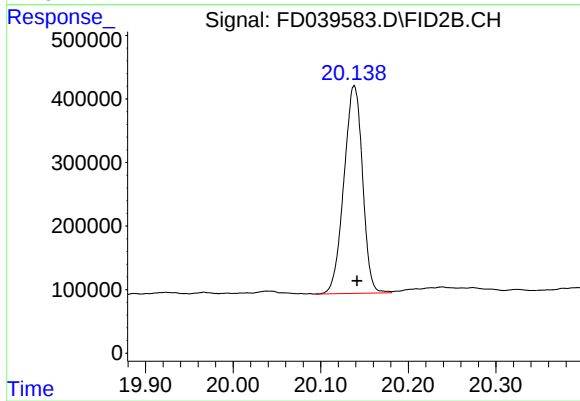
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.003 min
Response: 5503022
Conc: 48.13 ug/ml



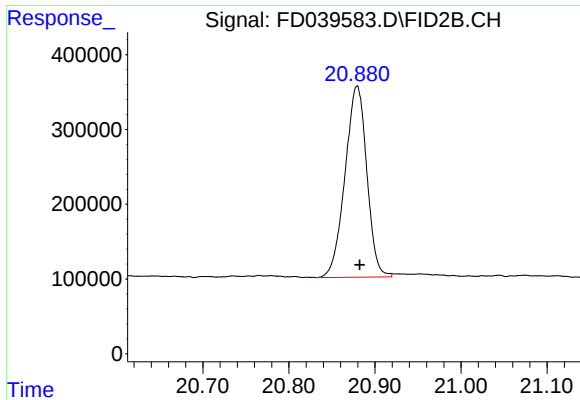
#19 n-Tetratriacontane (C34)

R.T.: 19.401 min
Delta R.T.: -0.005 min
Response: 5216593
Conc: 49.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.138 min
Delta R.T.: -0.003 min
Response: 4820801
Conc: 47.32 ug/ml



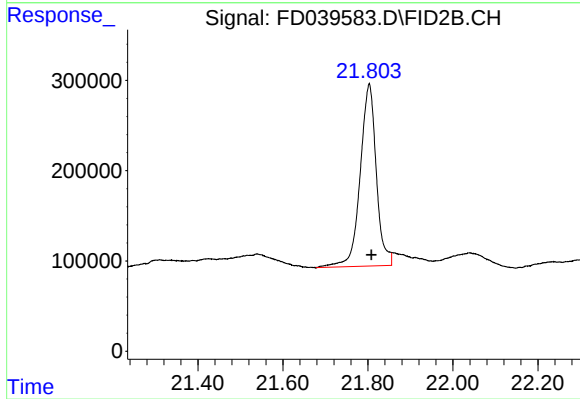
#21 n-Octatriacontane (C38)

R.T.: 20.880 min
Delta R.T.: -0.003 min
Response: 4501296
Conc: 46.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.803 min
Delta R.T.: -0.005 min
Response: 5323197
Conc: 57.70 ug/ml m