

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040279.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 2:49
 Operator : AJ\MA
 Sample : PB141743BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141743BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 04:21:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.713	7036427	45.167 ug/ml
Spiked Amount 50.000		Recovery =	90.33%
12) S 1-chlorooctadecane (S...	12.145	5515231	45.732 ug/ml
Spiked Amount 50.000		Recovery =	91.46%
Target Compounds			
1) T n-Nonane (C9)	2.661	6302823	48.029 ug/ml
2) T n-Decane (C10)	3.644	6640783	50.170 ug/ml
3) T A~Naphthalene (C11.7)	5.176	7481482	50.704 ug/ml
4) T n-Dodecane (C12)	5.607	6757645	50.883 ug/ml
5) T A~2-methylnaphthalene...	6.216	7161448	48.261 ug/ml
6) T n-Tetradecane (C14)	7.385	6744688	48.785 ug/ml
7) T n-Hexadecane (C16)	8.972	6833648	49.838 ug/ml
8) T n-Octadecane (C18)	10.406	6725858	47.628 ug/ml
10) T n-Eicosane (C20)	11.707	6536289	46.753 ug/ml
11) T n-Heneicosane (C21)	12.315	6363013	44.973 ug/ml
13) T n-Docosane (C22)	12.898	6275983	44.720 ug/ml
14) T n-Tetracosane (C24)	13.994	6136800	43.708 ug/ml
15) T n-Hexacosane (C26)	15.012	5828851	42.390 ug/ml
16) T n-Octacosane (C28)	15.954	5701811	41.914 ug/ml
17) T n-Tricontane (C30)	16.839	5427972	40.559 ug/ml
18) T n-Dotriacontane (C32)	17.665	5080107	39.245 ug/ml
19) T n-Tetratriacontane (C34)	18.444	4412912	36.397 ug/ml
20) T n-Hexatriacontane (C36)	19.181	3368052	31.604 ug/mlm
21) T n-Octatriacontane (C38)	19.884	2723763	29.495 ug/mlm
22) T n-Tetracontane (C40)	20.709	2455292	31.533 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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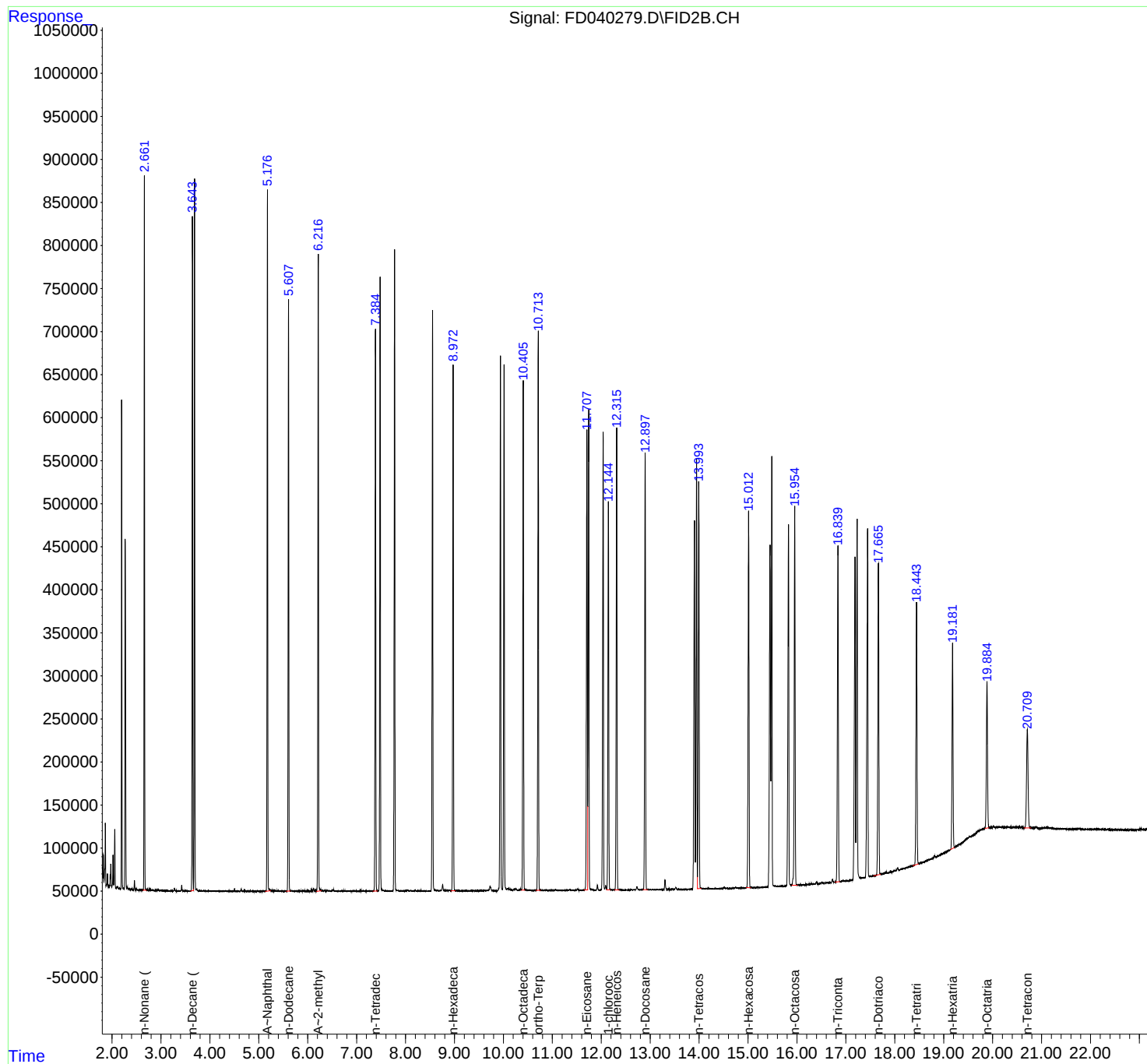
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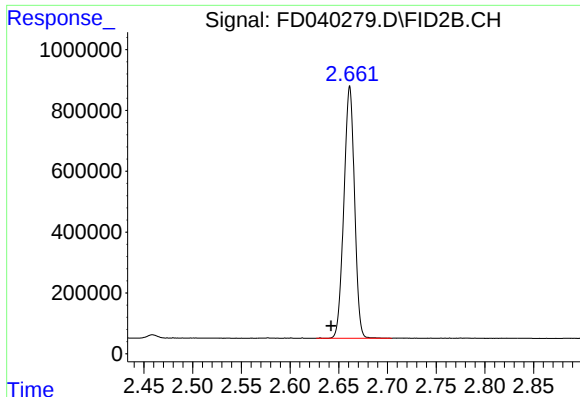
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#1 n-Nonane (C9)

R.T.: 2.661 min
Delta R.T.: 0.019 min
Response: 6302823
Conc: 48.03 ug/ml

Instrument :

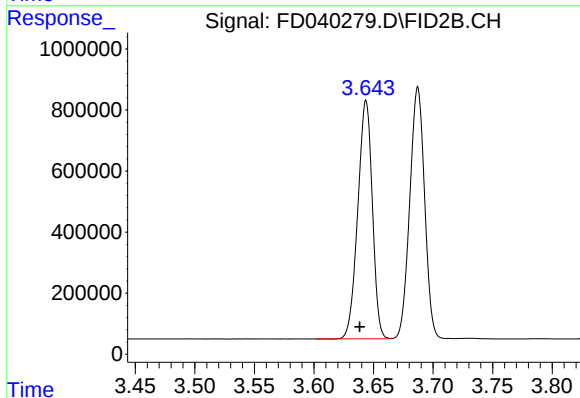
FID_D

ClientSampleId :

PB141743BS

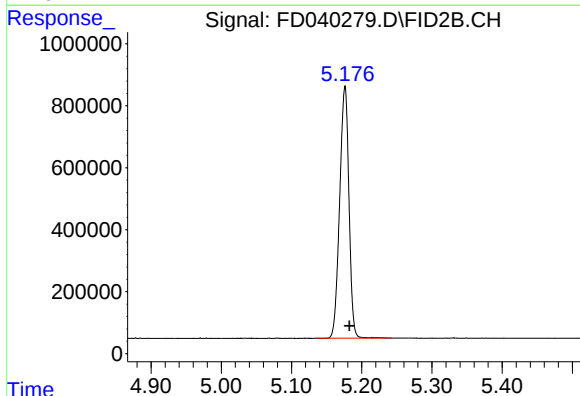
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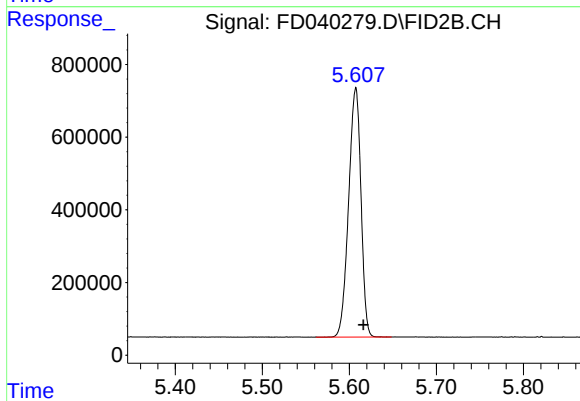
#2 n-Decane (C10)

R.T.: 3.644 min
Delta R.T.: 0.005 min
Response: 6640783
Conc: 50.17 ug/ml



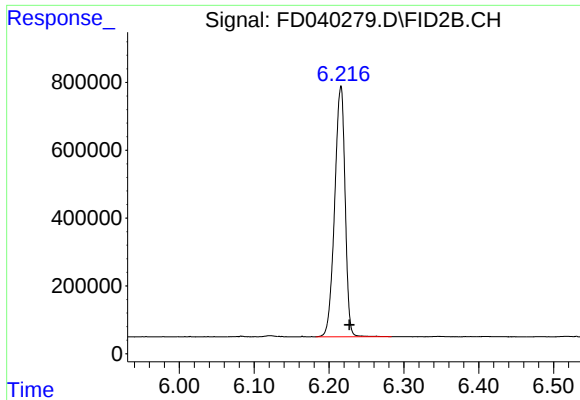
#3 A~Naphthalene (C11.7)

R.T.: 5.176 min
Delta R.T.: -0.006 min
Response: 7481482
Conc: 50.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.607 min
Delta R.T.: -0.009 min
Response: 6757645
Conc: 50.88 ug/ml



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

R.T.: 6.216 min
Delta R.T.: -0.011 min
Response: 7161448
Conc: 48.26 ug/ml

Instrument :

FID_D

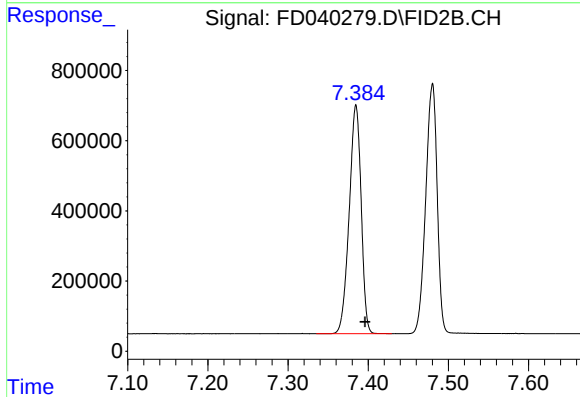
ClientSampleId :

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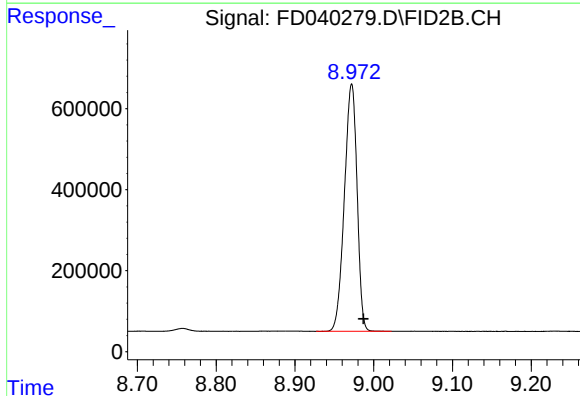
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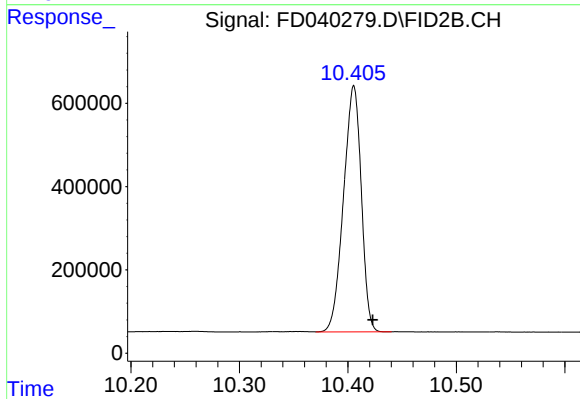
#6 n-Tetradecane (C14)

R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 6744688
Conc: 48.79 ug/ml



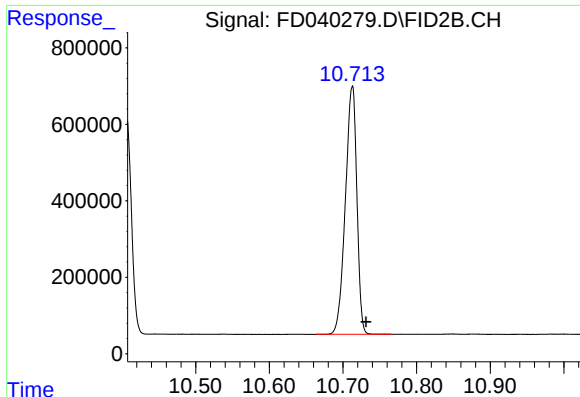
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.015 min
Response: 6833648
Conc: 49.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.017 min
Response: 6725858
Conc: 47.63 ug/ml



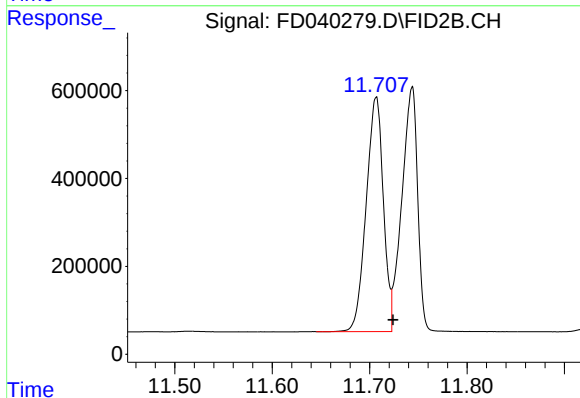
#9 ortho-Terphenyl (SURR)

R.T.: 10.713 min
Delta R.T.: -0.019 min
Response: 7036427
Conc: 45.17 ug/ml

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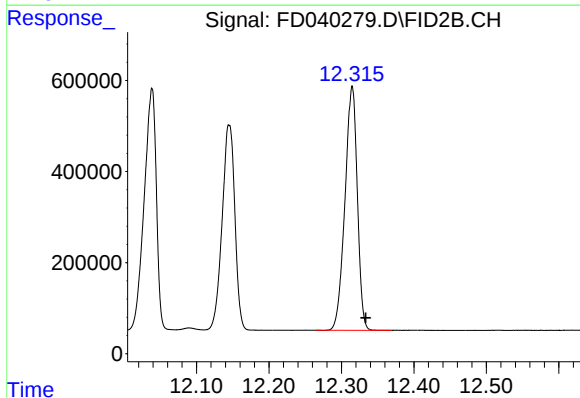
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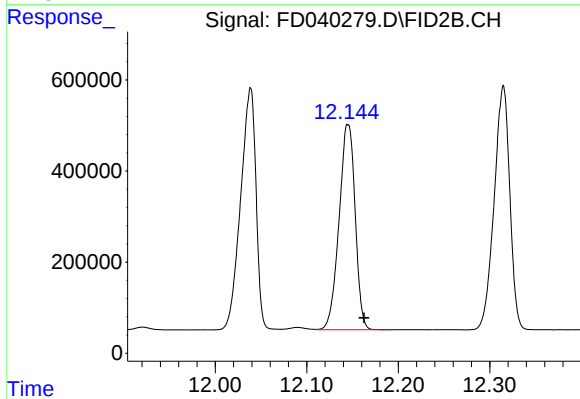
#10 n-Eicosane (C20)

R.T.: 11.707 min
Delta R.T.: -0.017 min
Response: 6536289
Conc: 46.75 ug/ml



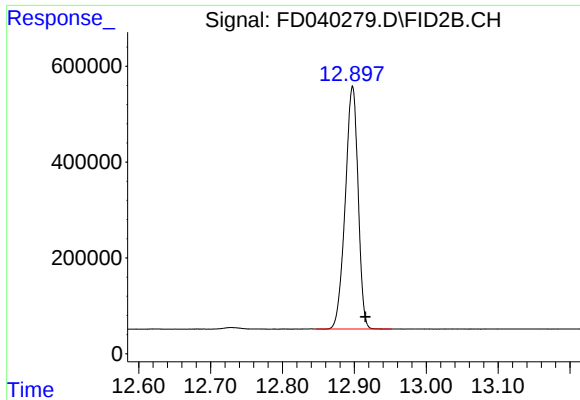
#11 n-Heneicosane (C21)

R.T.: 12.315 min
Delta R.T.: -0.019 min
Response: 6363013
Conc: 44.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.145 min
Delta R.T.: -0.018 min
Response: 5515231
Conc: 45.73 ug/ml



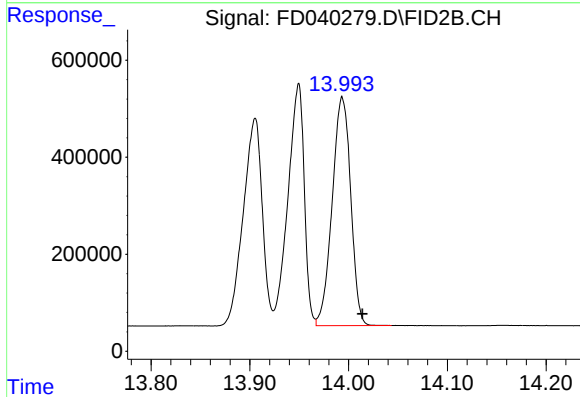
#13 n-Docosane (C22)

R.T.: 12.898 min
Delta R.T.: -0.018 min
Response: 6275983
Conc: 44.72 ug/ml

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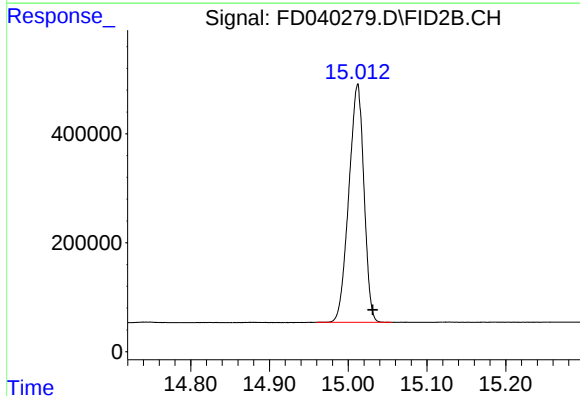
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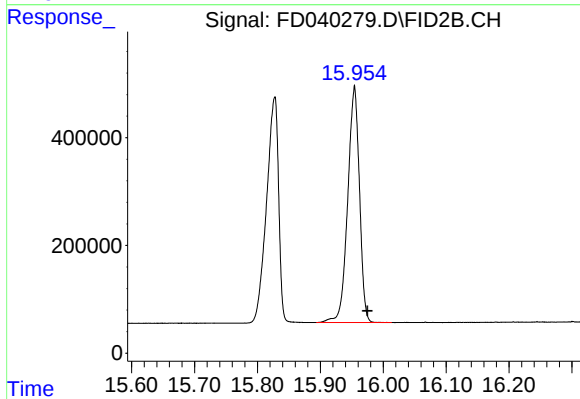
#14 n-Tetracosane (C24)

R.T.: 13.994 min
Delta R.T.: -0.020 min
Response: 6136800
Conc: 43.71 ug/ml



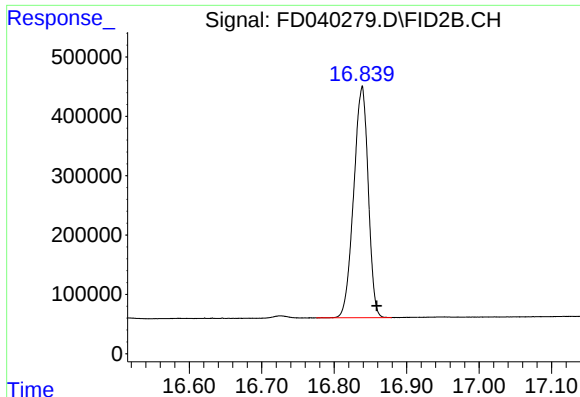
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: -0.019 min
Response: 5828851
Conc: 42.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.954 min
Delta R.T.: -0.021 min
Response: 5701811
Conc: 41.91 ug/ml



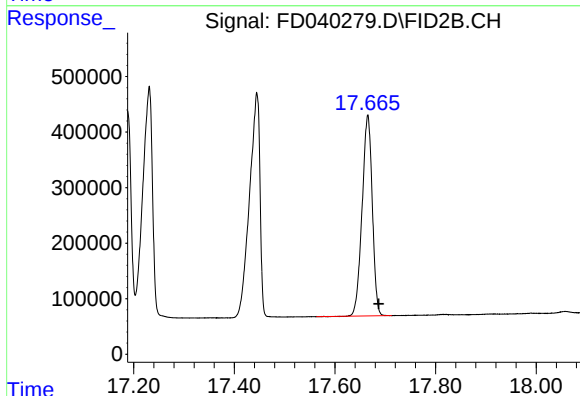
#17 n-Tricontane (C30)

R.T.: 16.839 min
Delta R.T.: -0.020 min
Response: 5427972
Conc: 40.56 ug/ml

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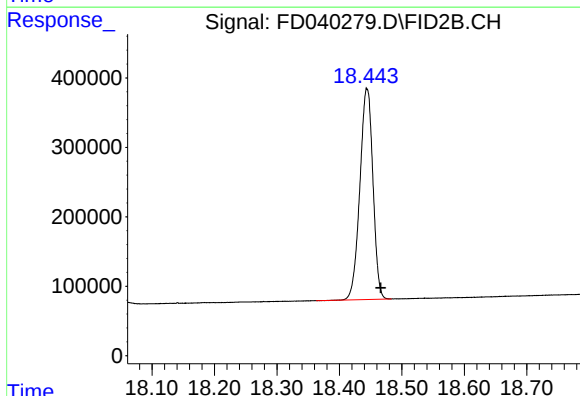
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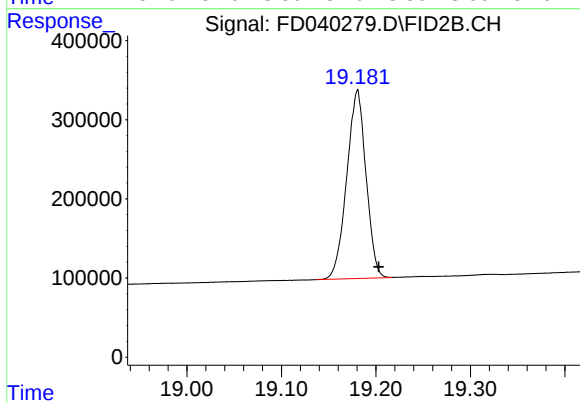
#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.022 min
Response: 5080107
Conc: 39.25 ug/ml



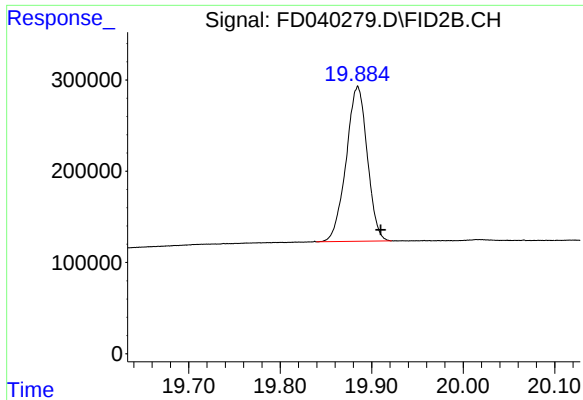
#19 n-Tetratriacontane (C34)

R.T.: 18.444 min
Delta R.T.: -0.022 min
Response: 4412912
Conc: 36.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.181 min
Delta R.T.: -0.022 min
Response: 3368052
Conc: 31.60 ug/ml m



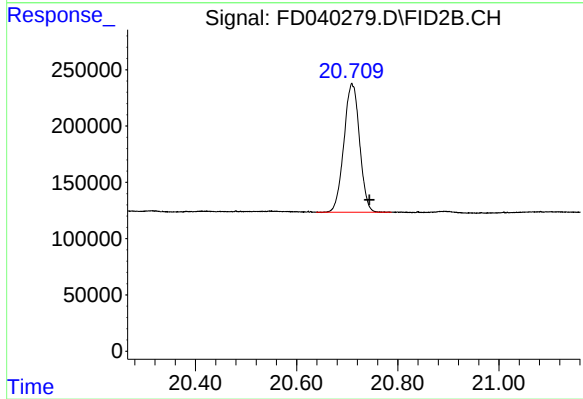
#21 n-Octatriacontane (C38)

R.T.: 19.884 min
Delta R.T.: -0.025 min
Response: 2723763
Conc: 29.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.709 min
Delta R.T.: -0.035 min
Response: 2455292
Conc: 31.53 ug/ml