

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AL\
 Data File : FD039962.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 18:27
 Operator : AJ\MA
 Sample : PB141444BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141444BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e
 Quant Time: Dec 17 02:04:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.779	7051415	44.917 ug/ml
Spiked Amount 50.000		Recovery =	89.83%
12) S 1-chlorooctadecane (S...	12.212	5572850	45.127 ug/ml
Spiked Amount 50.000		Recovery =	90.25%
Target Compounds			
1) T n-Nonane (C9)	2.687	6577611	46.741 ug/ml
2) T n-Decane (C10)	3.682	6947050	48.707 ug/ml
3) T A~Naphthalene (C11.7)	5.227	8312423	51.783 ug/ml
4) T n-Dodecane (C12)	5.657	7538624	52.798 ug/ml
5) T A~2-methylnaphthalene...	6.272	8462413	52.438 ug/ml
6) T n-Tetradecane (C14)	7.442	8053967	55.880 ug/ml
7) T n-Hexadecane (C16)	9.033	8397974	57.727 ug/ml
8) T n-Octadecane (C18)	10.469	8628712	57.987 ug/ml
10) T n-Eicosane (C20)	11.773	8514747	58.220 ug/ml
11) T n-Heneicosane (C21)	12.383	8387925	57.092 ug/ml
13) T n-Docosane (C22)	12.966	8315185	56.943 ug/ml
14) T n-Tetracosane (C24)	14.064	8103551	55.640 ug/ml
15) T n-Hexacosane (C26)	15.084	7926865	56.517 ug/ml
16) T n-Octacosane (C28)	16.028	7768600	57.280 ug/ml
17) T n-Tricontane (C30)	16.914	7359281	56.318 ug/ml
18) T n-Dotriacontane (C32)	17.742	6939527	55.759 ug/ml
19) T n-Tetratriacontane (C34)	18.524	6518292	53.967 ug/mlm
20) T n-Hexatriacontane (C36)	19.263	5908173	51.374 ug/mlm
21) T n-Octatriacontane (C38)	19.977	5468730	48.993 ug/ml
22) T n-Tetracontane (C40)	20.836	5543084	48.647 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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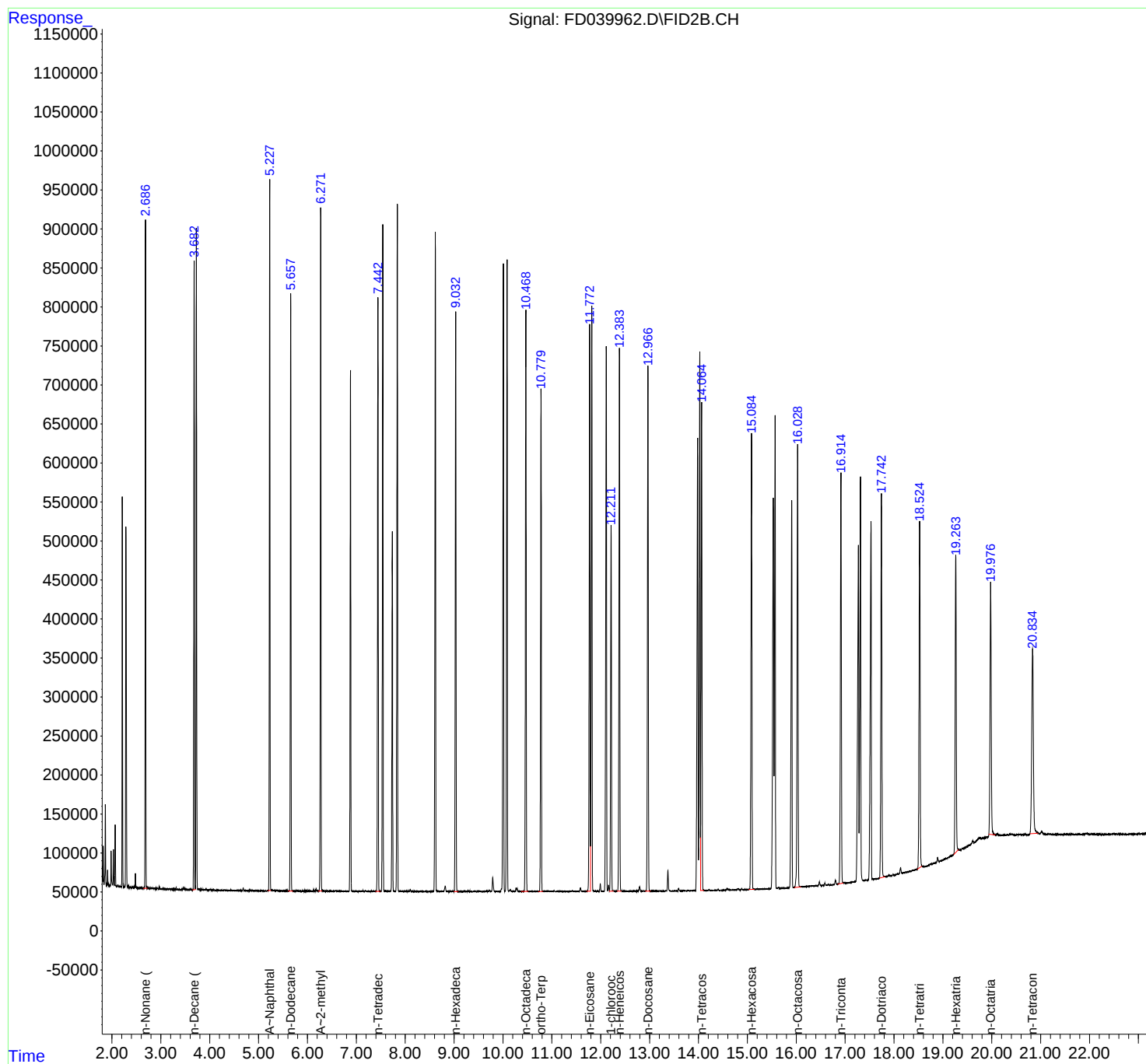
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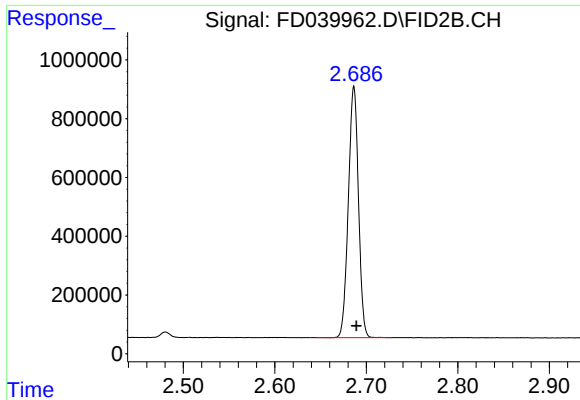
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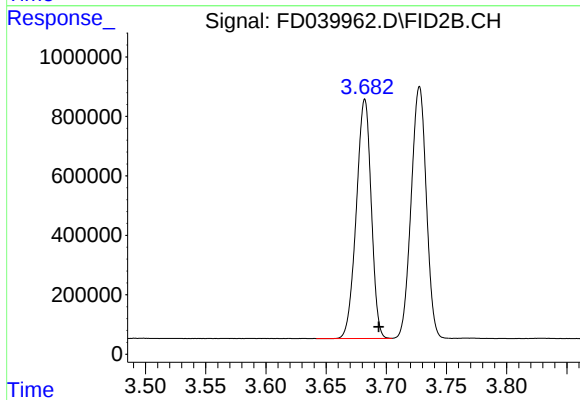
#1 n-Nonane (C9)

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 6577611
Conc: 46.74 ug/ml

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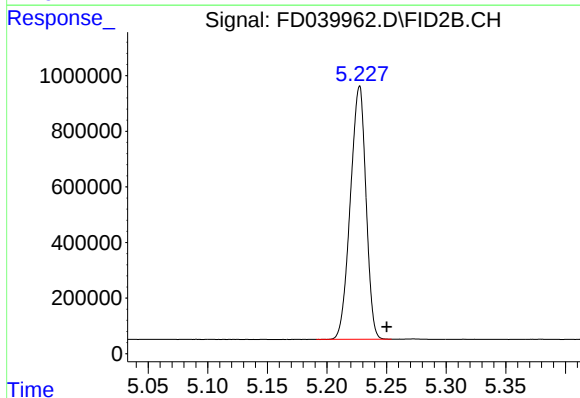
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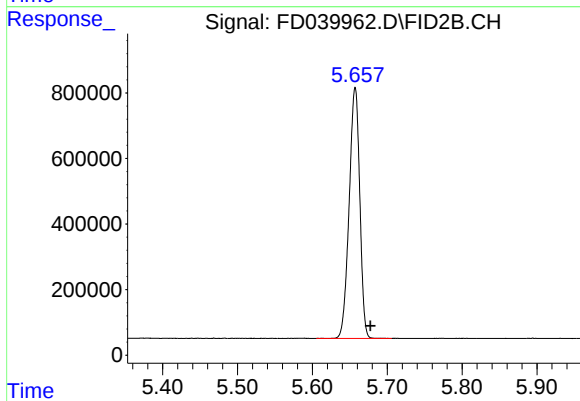
#2 n-Decane (C10)

R.T.: 3.682 min
Delta R.T.: -0.012 min
Response: 6947050
Conc: 48.71 ug/ml



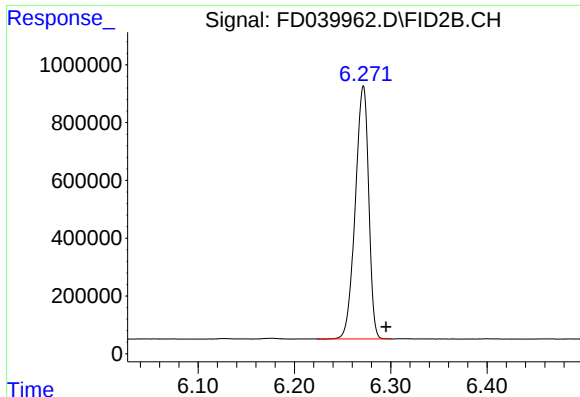
#3 A~Naphthalene (C11.7)

R.T.: 5.227 min
Delta R.T.: -0.023 min
Response: 8312423
Conc: 51.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.657 min
Delta R.T.: -0.020 min
Response: 7538624
Conc: 52.80 ug/ml



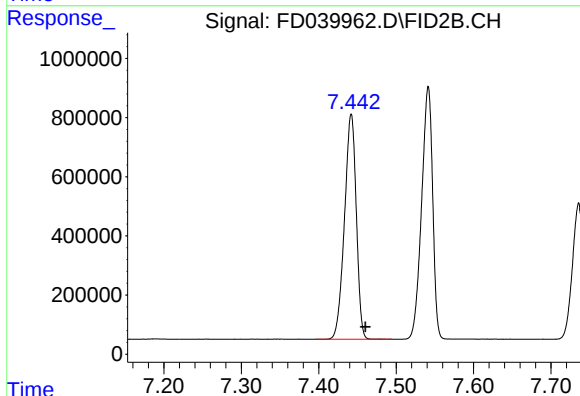
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.272 min
Delta R.T.: -0.024 min
Response: 8462413
Conc: 52.44 ug/ml

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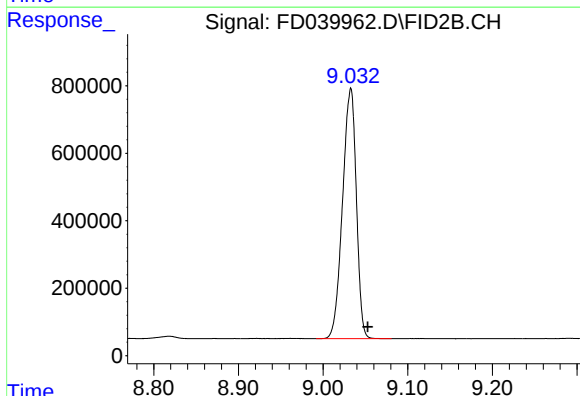
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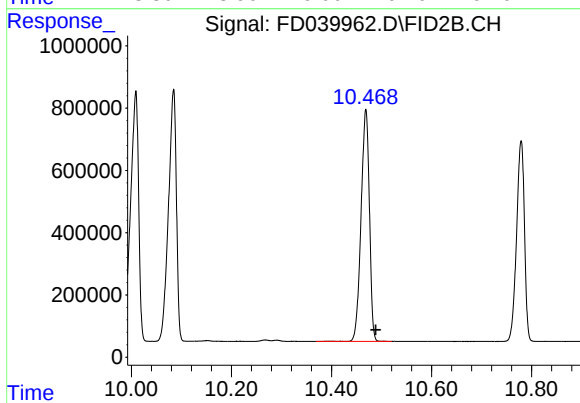
#6 n-Tetradecane (C14)

R.T.: 7.442 min
Delta R.T.: -0.018 min
Response: 8053967
Conc: 55.88 ug/ml



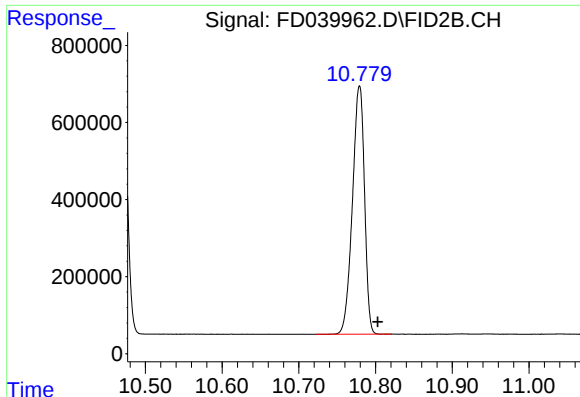
#7 n-Hexadecane (C16)

R.T.: 9.033 min
Delta R.T.: -0.020 min
Response: 8397974
Conc: 57.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.469 min
Delta R.T.: -0.020 min
Response: 8628712
Conc: 57.99 ug/ml



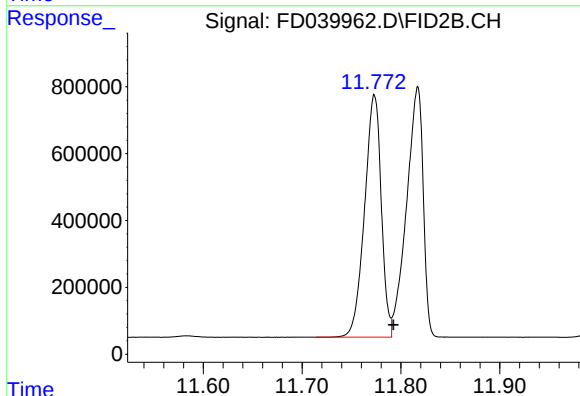
#9 ortho-Terphenyl (SURR)

R.T.: 10.779 min
Delta R.T.: -0.024 min
Response: 7051415
Conc: 44.92 ug/ml

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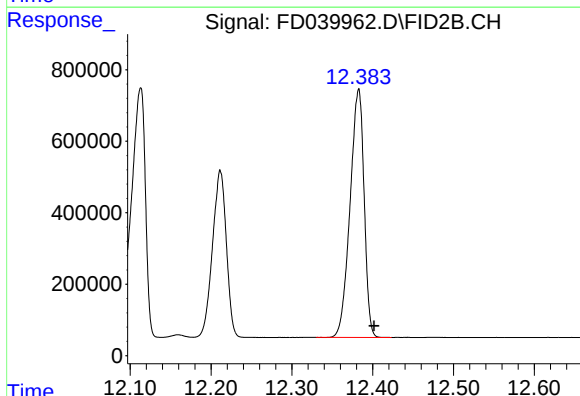
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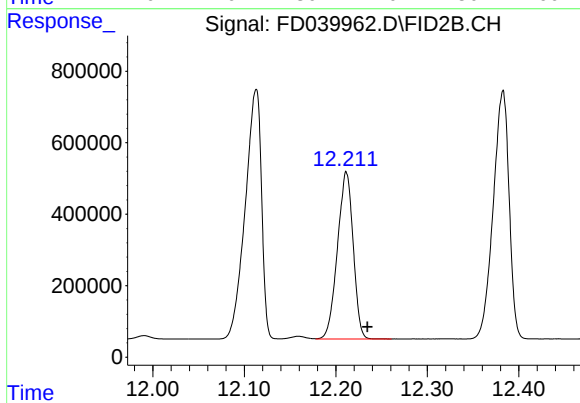
#10 n-Eicosane (C20)

R.T.: 11.773 min
Delta R.T.: -0.019 min
Response: 8514747
Conc: 58.22 ug/ml



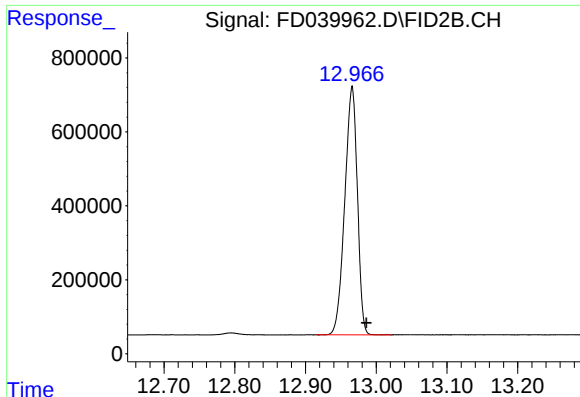
#11 n-Heneicosane (C21)

R.T.: 12.383 min
Delta R.T.: -0.019 min
Response: 8387925
Conc: 57.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.212 min
Delta R.T.: -0.023 min
Response: 5572850
Conc: 45.13 ug/ml



#13 n-Docosane (C22)

R.T.: 12.966 min
Delta R.T.: -0.020 min
Response: 8315185
Conc: 56.94 ug/ml

Instrument :

FID_D

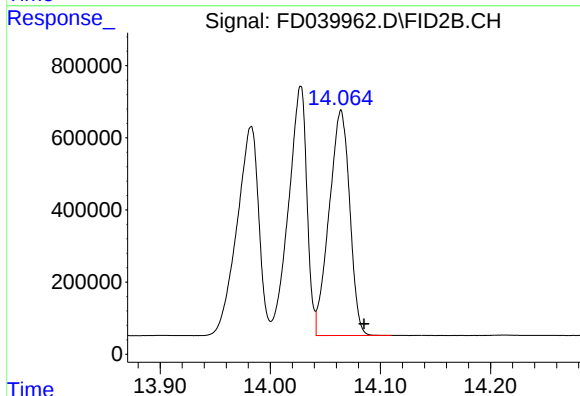
ClientSampleId :

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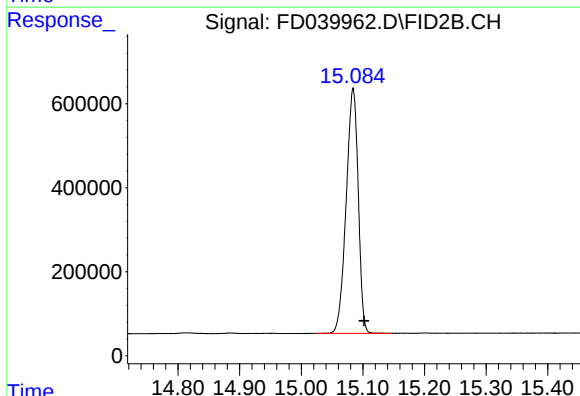
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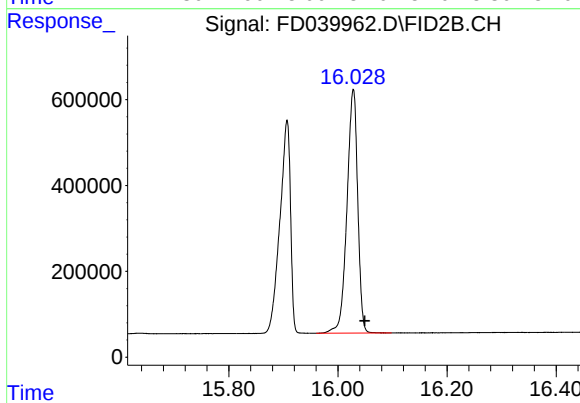
#14 n-Tetracosane (C24)

R.T.: 14.064 min
Delta R.T.: -0.021 min
Response: 8103551
Conc: 55.64 ug/ml



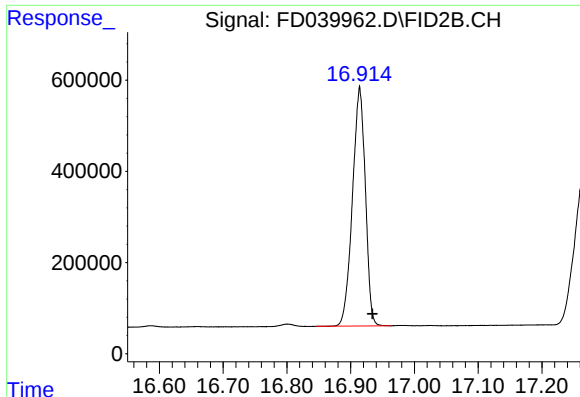
#15 n-Hexacosane (C26)

R.T.: 15.084 min
Delta R.T.: -0.018 min
Response: 7926865
Conc: 56.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.028 min
Delta R.T.: -0.021 min
Response: 7768600
Conc: 57.28 ug/ml



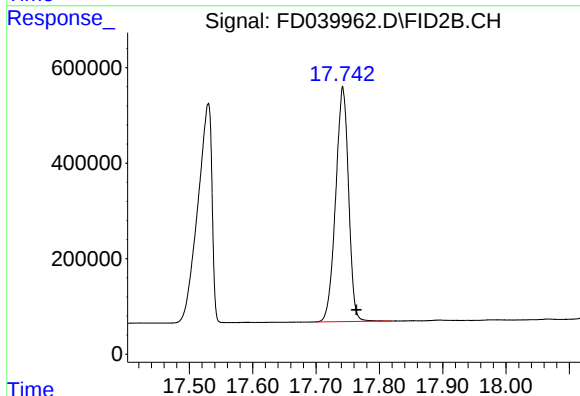
#17 n-Tricontane (C30)

R.T.: 16.914 min
Delta R.T.: -0.020 min
Response: 7359281
Conc: 56.32 ug/ml

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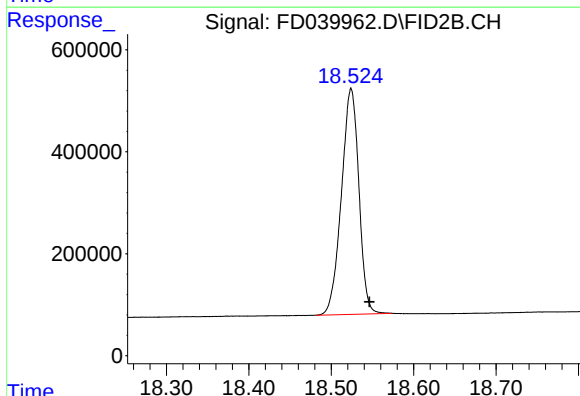
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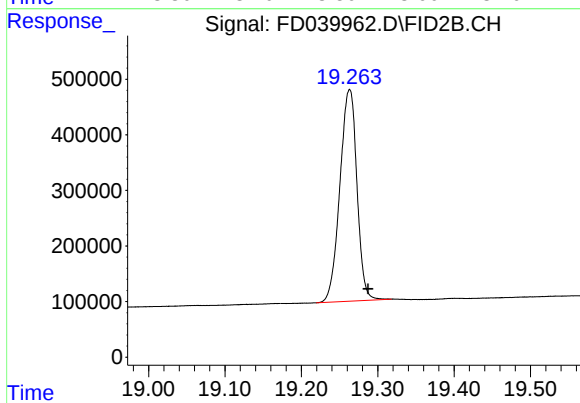
#18 n-Dotriacontane (C32)

R.T.: 17.742 min
Delta R.T.: -0.021 min
Response: 6939527
Conc: 55.76 ug/ml



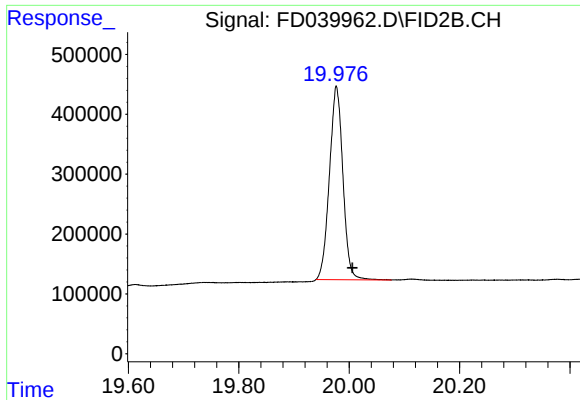
#19 n-Tetratriacontane (C34)

R.T.: 18.524 min
Delta R.T.: -0.023 min
Response: 6518292
Conc: 53.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.263 min
Delta R.T.: -0.024 min
Response: 5908173
Conc: 51.37 ug/ml m



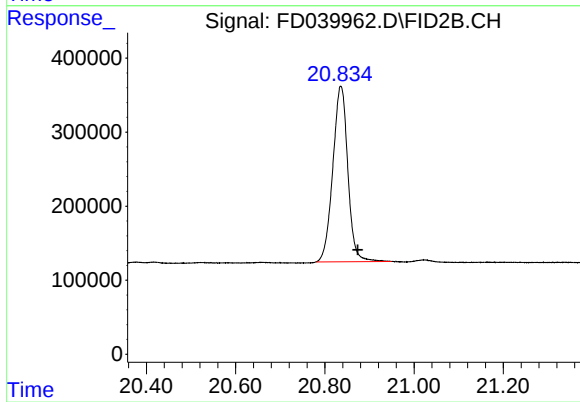
#21 n-Octatriacontane (C38)

R.T.: 19.977 min
Delta R.T.: -0.029 min
Response: 5468730
Conc: 48.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.836 min
Delta R.T.: -0.038 min
Response: 5543084
Conc: 48.65 ug/ml