

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040022.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 4:30
 Operator : AJ\MA
 Sample : PB141507BSD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141507BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 18 05:51:58 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)	10.760	7377044	46.991 ug/ml
Spiked Amount 50.000		Recovery =	93.98%
12) S 1-chlorooctadecane (S...	12.194	5837793	47.272 ug/ml
Spiked Amount 50.000		Recovery =	94.54%
Target Compounds			
1) T n-Nonane (C9)	2.671	5349297	38.013 ug/ml
2) T n-Decane (C10)	3.666	5638000	39.529 ug/ml
3) T A~Naphthalene (C11.7)	5.209	6693912	41.700 ug/ml
4) T n-Dodecane (C12)	5.641	5928446	41.521 ug/ml
5) T A~2-methylnaphthalene...	6.253	6731537	41.713 ug/ml
6) T n-Tetradecane (C14)	7.424	6402172	44.420 ug/ml
7) T n-Hexadecane (C16)	9.015	7114046	48.901 ug/ml
8) T n-Octadecane (C18)	10.451	7303431	49.081 ug/ml
10) T n-Eicosane (C20)	11.754	7170113	49.026 ug/ml
11) T n-Heneicosane (C21)	12.363	7005324	47.681 ug/ml
13) T n-Docosane (C22)	12.947	6906465	47.296 ug/ml
14) T n-Tetracosane (C24)	14.045	6682679	45.884 ug/ml
15) T n-Hexacosane (C26)	15.063	6362537	45.363 ug/ml
16) T n-Octacosane (C28)	16.008	6258301	46.144 ug/ml
17) T n-Tricontane (C30)	16.894	5824872	44.576 ug/mlm
18) T n-Dotriacontane (C32)	17.722	5546830	44.569 ug/mlm
19) T n-Tetratriacontane (C34)	18.504	5145991	42.606 ug/mlm
20) T n-Hexatriacontane (C36)	19.241	4506040	39.182 ug/mlm
21) T n-Octatriacontane (C38)	19.954	4189369	37.532 ug/mlm
22) T n-Tetracontane (C40)	20.805	4327679	37.980 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB141507BSD
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ALS Vial : 81 Sample Multiplier: 1

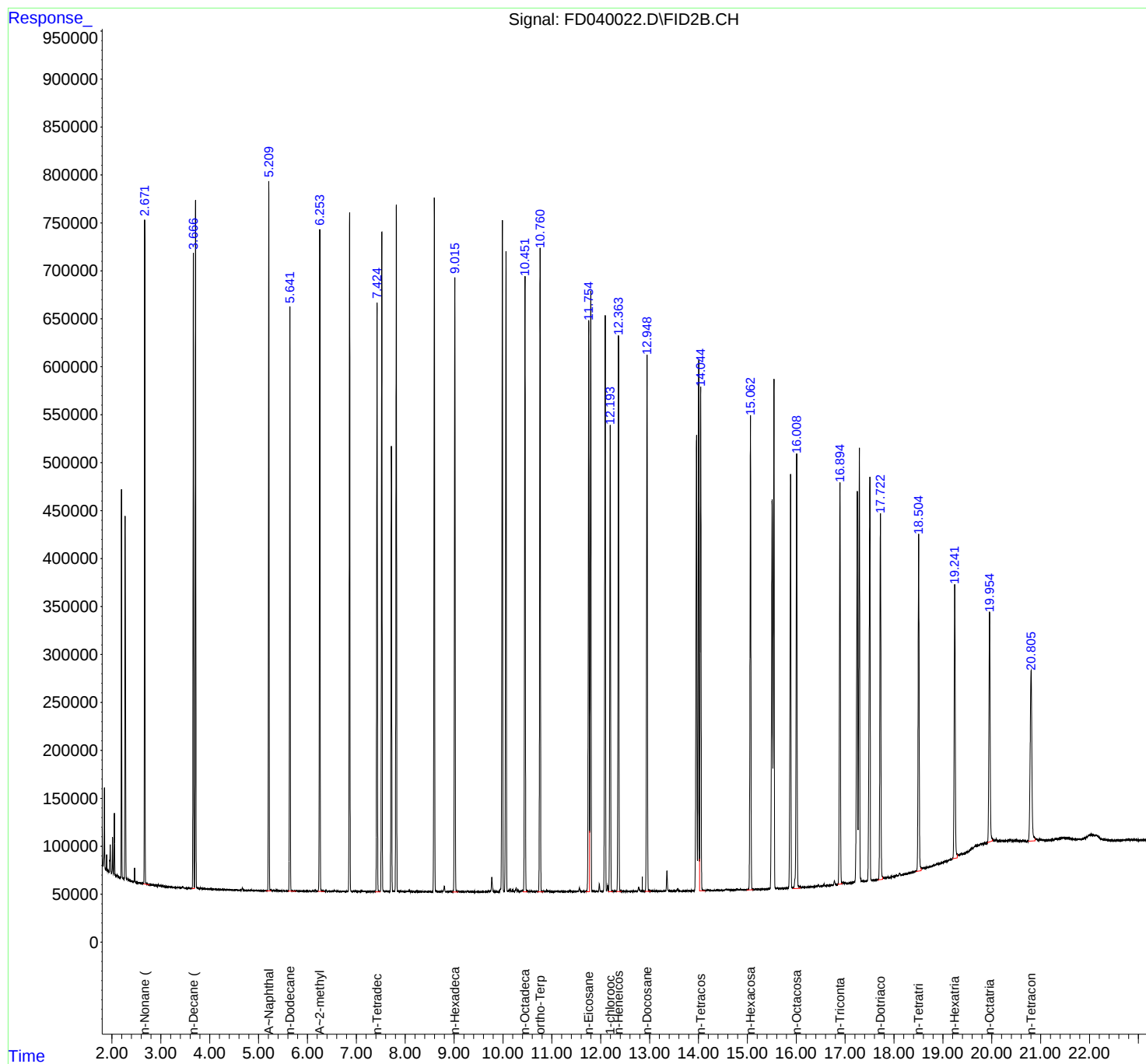
Instrument :
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PB141507BSD

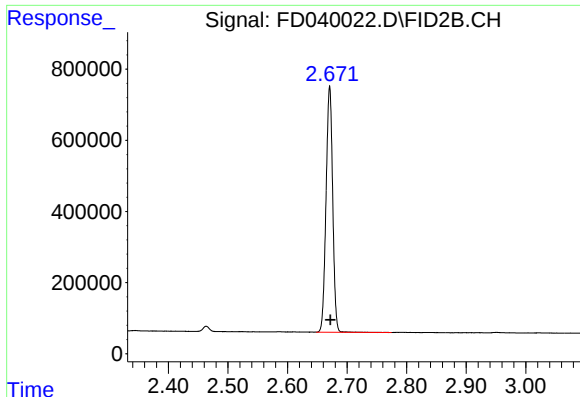
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#1 n-Nonane (C9)

R.T.: 2.671 min
Delta R.T.: -0.001 min
Response: 5349297
Conc: 38.01 ug/ml

Instrument :

FID_D

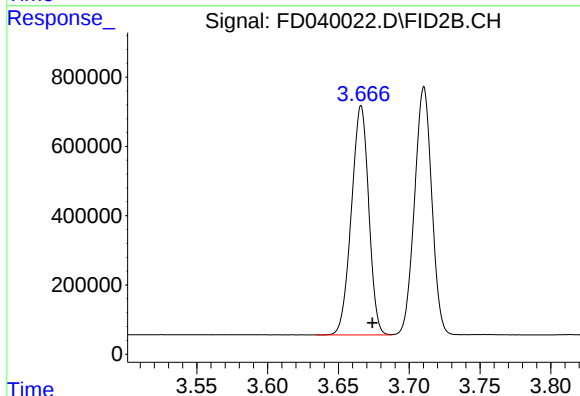
ClientSampleId :

PB141507BSD

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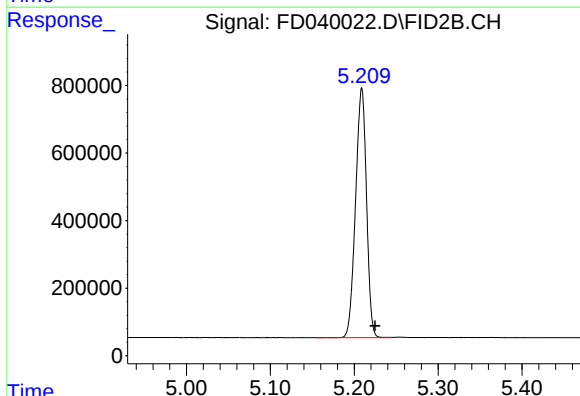
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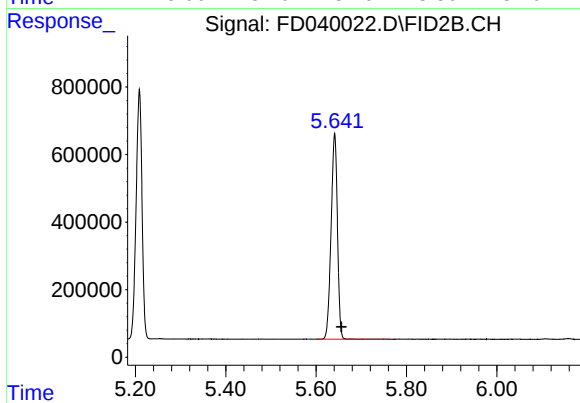
#2 n-Decane (C10)

R.T.: 3.666 min
Delta R.T.: -0.008 min
Response: 5638000
Conc: 39.53 ug/ml



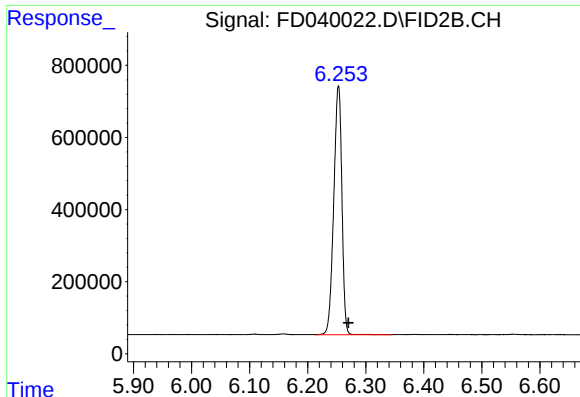
#3 A~Naphthalene (C11.7)

R.T.: 5.209 min
Delta R.T.: -0.016 min
Response: 6693912
Conc: 41.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.641 min
Delta R.T.: -0.015 min
Response: 5928446
Conc: 41.52 ug/ml



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

R.T.: 6.253 min
Delta R.T.: -0.017 min
Response: 6731537
Conc: 41.71 ug/ml

Instrument :

FID_D

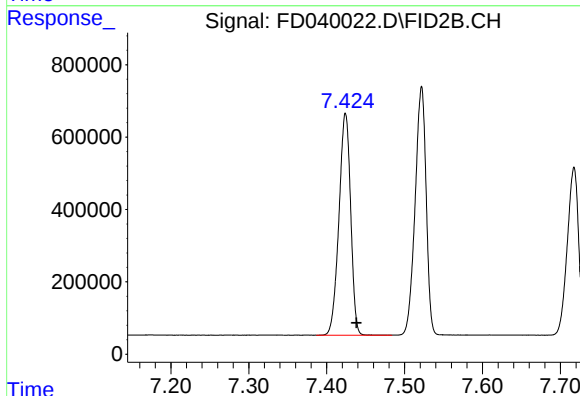
ClientSampleId :

PB141507BSD

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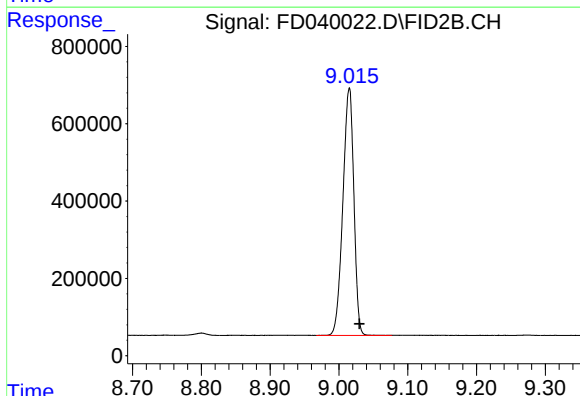
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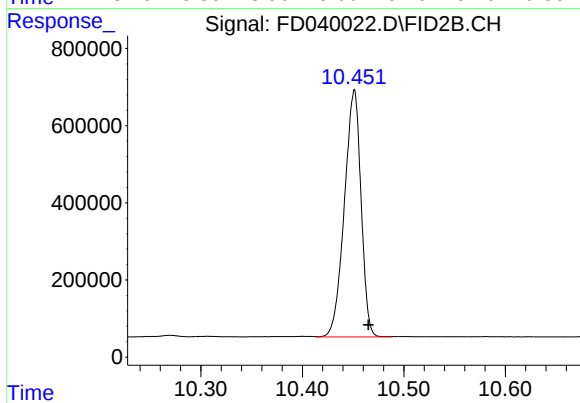
#6 n-Tetradecane (C14)

R.T.: 7.424 min
Delta R.T.: -0.014 min
Response: 6402172
Conc: 44.42 ug/ml



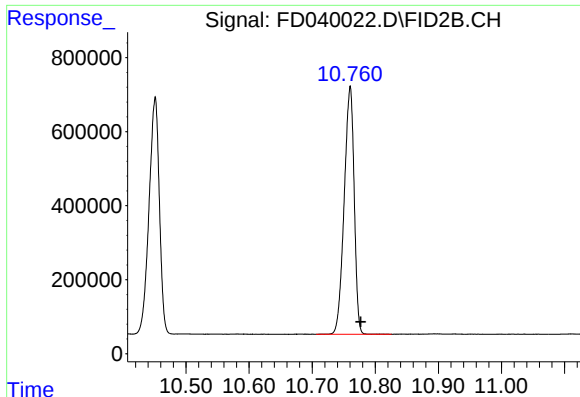
#7 n-Hexadecane (C16)

R.T.: 9.015 min
Delta R.T.: -0.015 min
Response: 7114046
Conc: 48.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.451 min
Delta R.T.: -0.014 min
Response: 7303431
Conc: 49.08 ug/ml



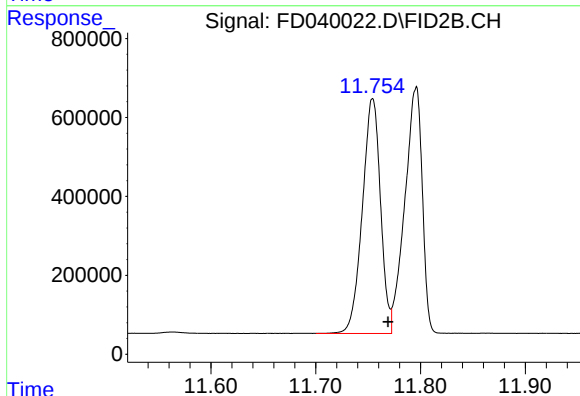
#9 ortho-Terphenyl (SURR)

R.T.: 10.760 min
Delta R.T.: -0.017 min
Response: 7377044
Conc: 46.99 ug/ml

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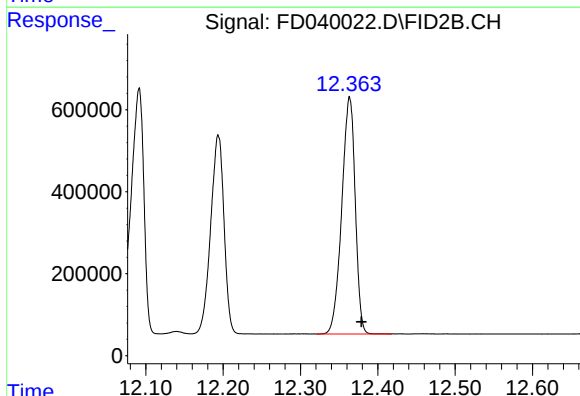
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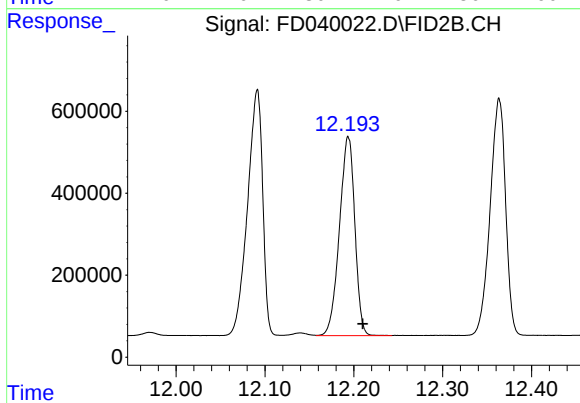
#10 n-Eicosane (C20)

R.T.: 11.754 min
Delta R.T.: -0.015 min
Response: 7170113
Conc: 49.03 ug/ml



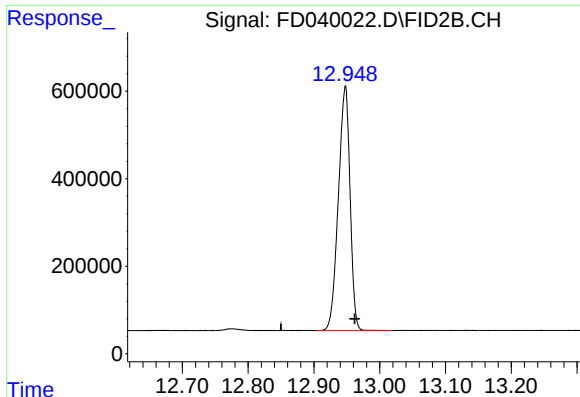
#11 n-Heneicosane (C21)

R.T.: 12.363 min
Delta R.T.: -0.016 min
Response: 7005324
Conc: 47.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.194 min
Delta R.T.: -0.016 min
Response: 5837793
Conc: 47.27 ug/ml



#13 n-Docosane (C22)

R.T.: 12.947 min
Delta R.T.: -0.015 min
Response: 6906465
Conc: 47.30 ug/ml

Instrument :

FID_D

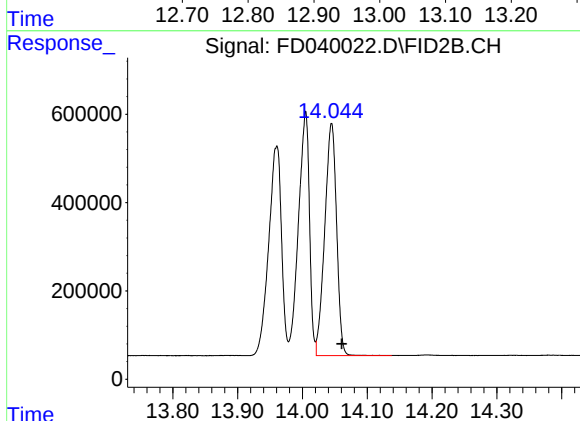
ClientSampleId :

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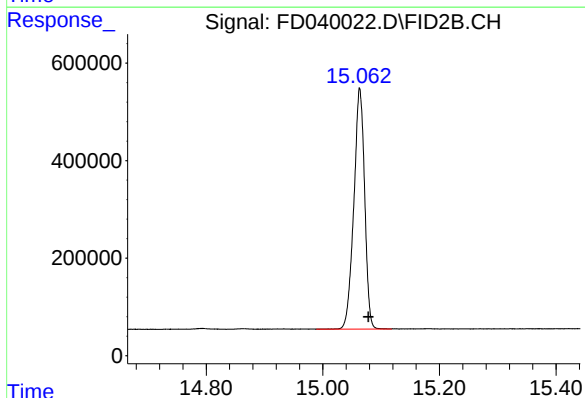
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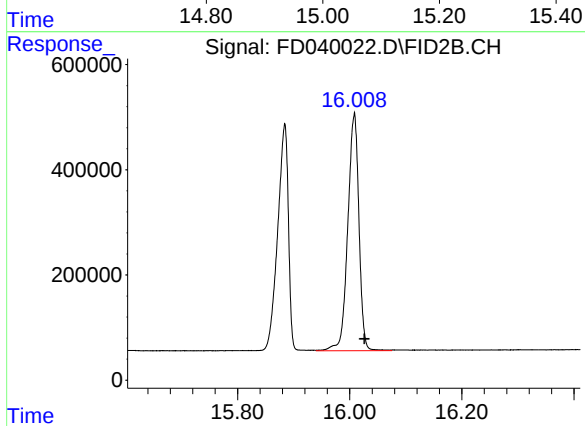
#14 n-Tetracosane (C24)

R.T.: 14.045 min
Delta R.T.: -0.016 min
Response: 6682679
Conc: 45.88 ug/ml



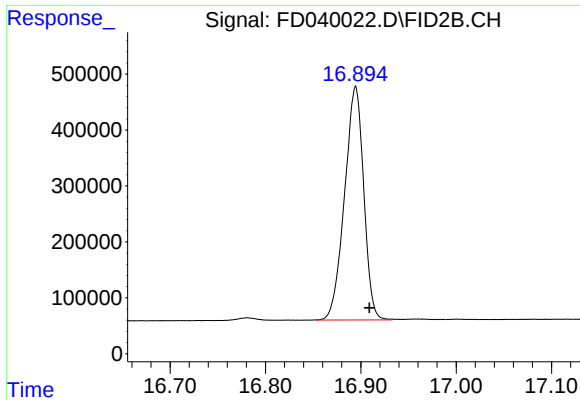
#15 n-Hexacosane (C26)

R.T.: 15.063 min
Delta R.T.: -0.015 min
Response: 6362537
Conc: 45.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.008 min
Delta R.T.: -0.018 min
Response: 6258301
Conc: 46.14 ug/ml



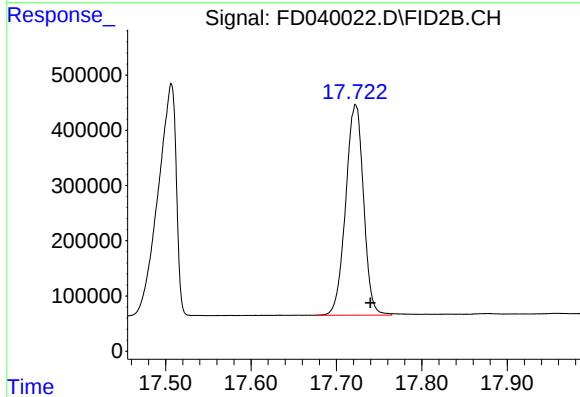
#17 n-Tricontane (C30)

R.T.: 16.894 min
Delta R.T.: -0.015 min
Response: 5824872
Conc: 44.58 ug/ml

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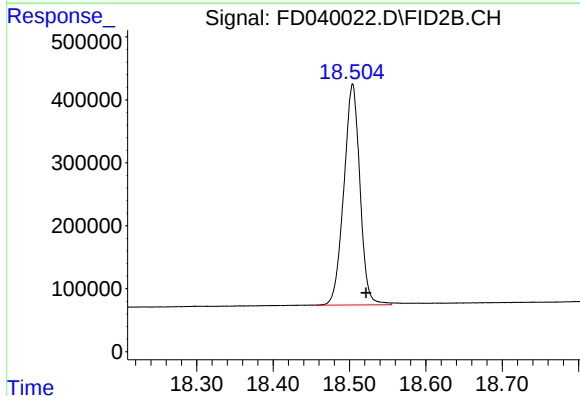
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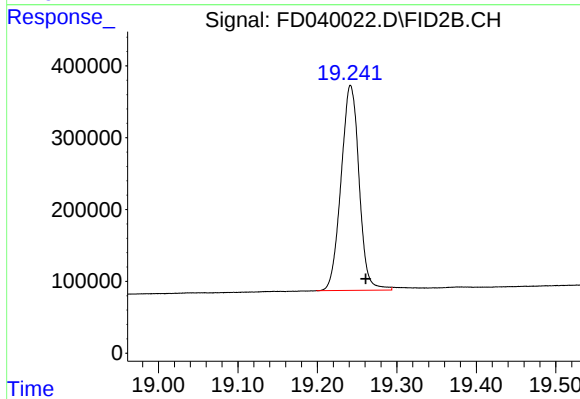
#18 n-Dotriacontane (C32)

R.T.: 17.722 min
Delta R.T.: -0.018 min
Response: 5546830
Conc: 44.57 ug/ml m



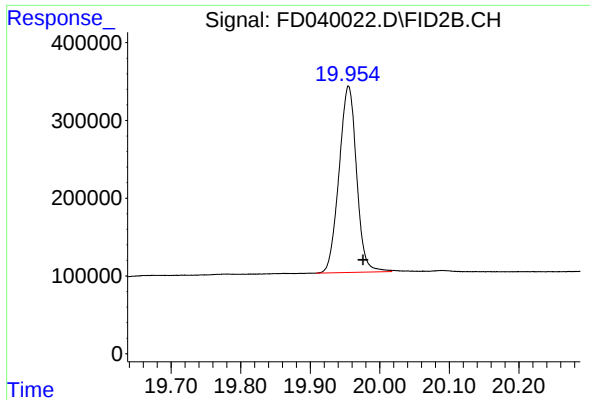
#19 n-Tetratriacontane (C34)

R.T.: 18.504 min
Delta R.T.: -0.018 min
Response: 5145991
Conc: 42.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.241 min
Delta R.T.: -0.020 min
Response: 4506040
Conc: 39.18 ug/ml m



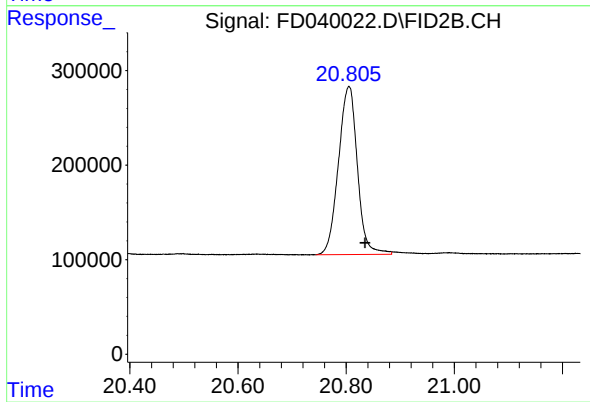
#21 n-Octatriacontane (C38)

R.T.: 19.954 min
Delta R.T.: -0.022 min
Response: 4189369
Conc: 37.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.805 min
Delta R.T.: -0.030 min
Response: 4327679
Conc: 37.98 ug/ml m