

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111225AL\
 Data File : FG016894.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2025 22:49
 Operator : YP\AJ
 Sample : PB170503BSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB170503BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 04:00:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	12.043	6216189	39.360 ug/ml
Spiked Amount 50.000		Recovery =	78.72%
12) S 1-chlorooctadecane (S...	13.487	4172011	34.642 ug/ml
Spiked Amount 50.000		Recovery =	69.28%
Target Compounds			
1) T n-Nonane (C9)	3.372	4098938	32.900 ug/ml
2) T n-Decane (C10)	4.629	4342177	33.917 ug/ml
3) T A~Naphthalene (C11.7)	6.345	5537194	42.320 ug/ml
4) T n-Dodecane (C12)	6.807	4802709	36.835 ug/ml
5) T A~2-methylnaphthalene...	7.448	5224206	43.413 ug/ml
6) T n-Tetradecane (C14)	8.648	5385433	42.154 ug/ml
7) T n-Hexadecane (C16)	10.265	5642395	42.701 ug/ml
8) T n-Octadecane (C18)	11.719	5742599	41.208 ug/ml
10) T n-Eicosane (C20)	13.039	5872931	42.016 ug/ml
11) T n-Heneicosane (C21)	13.655	5822886	41.881 ug/ml
13) T n-Docosane (C22)	14.245	5779408	40.850 ug/ml
14) T n-Tetracosane (C24)	15.353	12233161	83.203 ug/ml
15) T n-Hexacosane (C26)	16.387	5605780	38.210 ug/ml
16) T n-Octacosane (C28)	17.342	5520416	37.501 ug/ml
17) T n-Tricontane (C30)	18.236	5118064	33.824 ug/ml
18) T n-Dotriacontane (C32)	19.073	4744889	32.189 ug/ml
19) T n-Tetratriacontane (C34)	19.862	3936829	30.550 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2955610	28.555 ug/mlm
21) T n-Octatriacontane (C38)	21.382	2232155	25.319 ug/ml
22) T n-Tetracontane (C40)	22.366	1800510	22.995 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB170503BSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

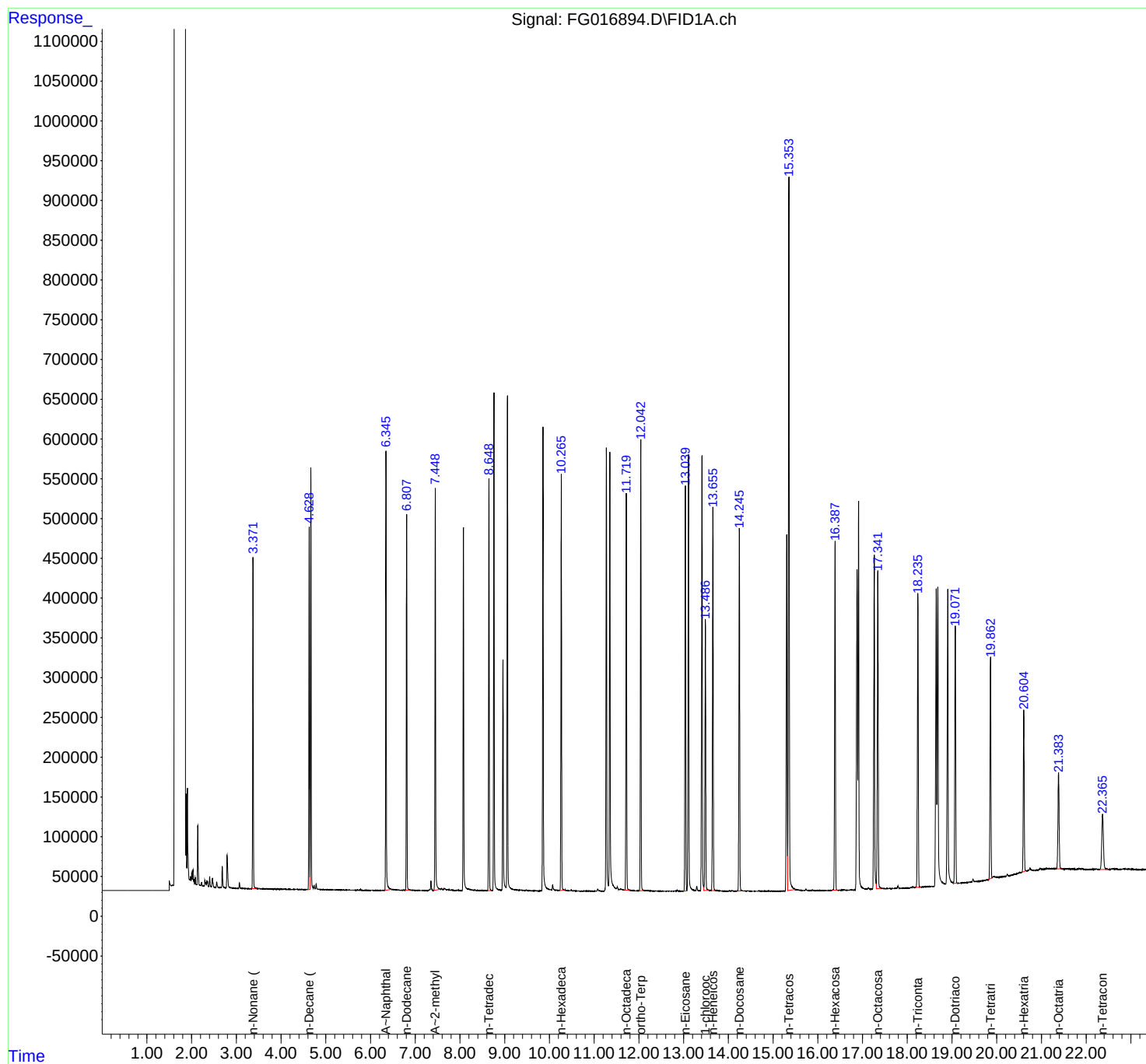
Instrument :
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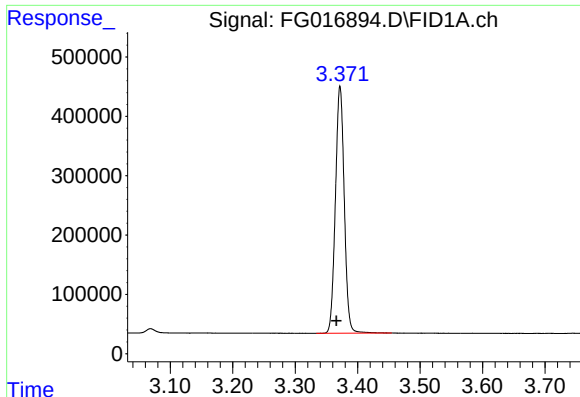
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#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: 0.006 min
Response: 4098938
Conc: 32.90 ug/ml

Instrument :

FID_G

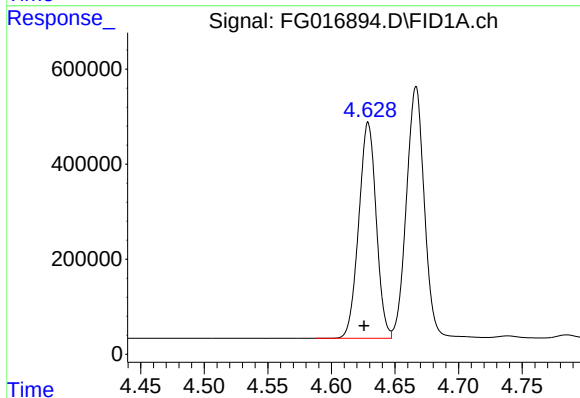
ClientSampleId :

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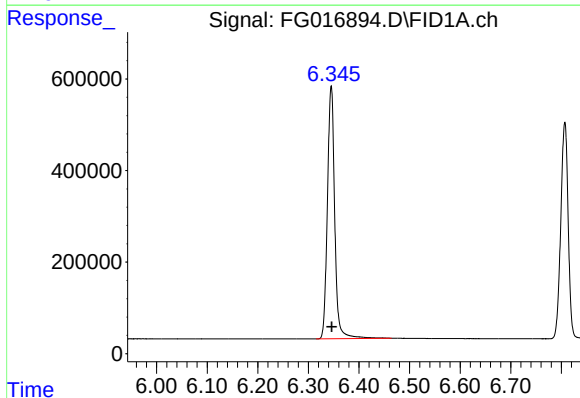
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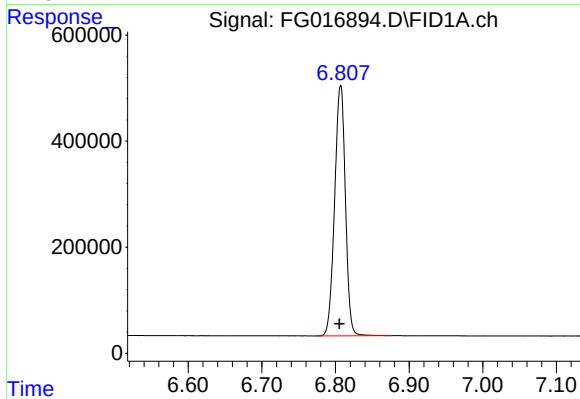
#2 n-Decane (C10)

R.T.: 4.629 min
Delta R.T.: 0.003 min
Response: 4342177
Conc: 33.92 ug/ml



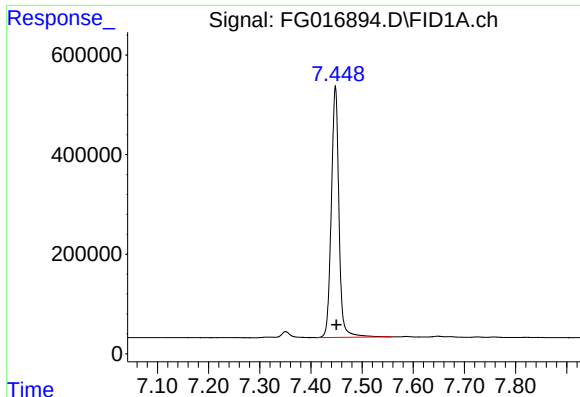
#3 A~Naphthalene (C11.7)

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 5537194
Conc: 42.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.807 min
Delta R.T.: 0.002 min
Response: 4802709
Conc: 36.83 ug/ml



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

R.T.: 7.448 min
Delta R.T.: -0.002 min
Response: 5224206
Conc: 43.41 ug/ml

Instrument :

FID_G

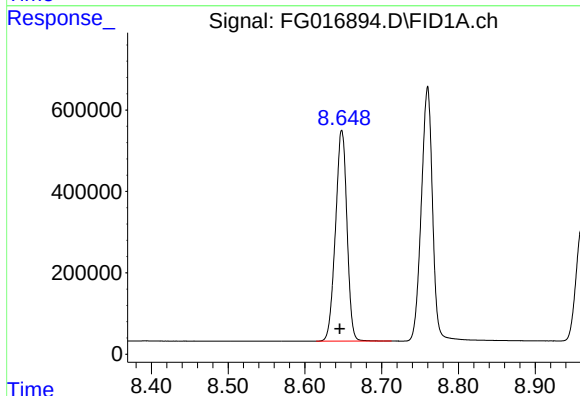
ClientSampleId :

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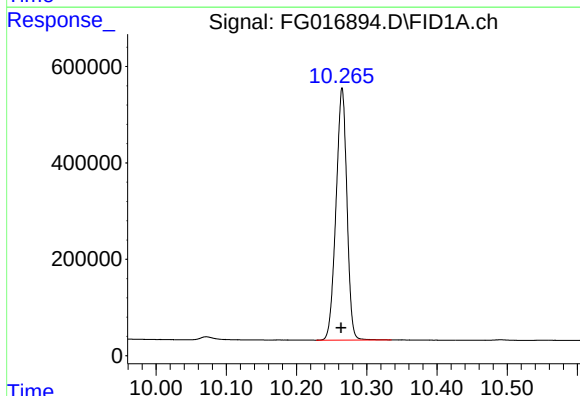
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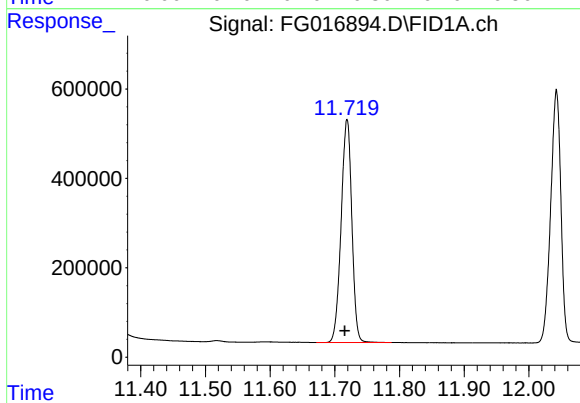
#6 n-Tetradecane (C14)

R.T.: 8.648 min
Delta R.T.: 0.003 min
Response: 5385433
Conc: 42.15 ug/ml



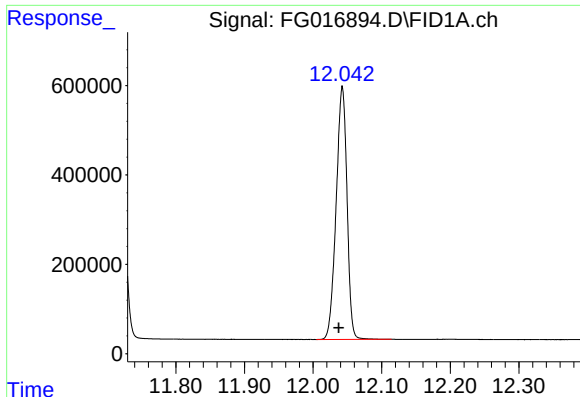
#7 n-Hexadecane (C16)

R.T.: 10.265 min
Delta R.T.: 0.001 min
Response: 5642395
Conc: 42.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.719 min
Delta R.T.: 0.004 min
Response: 5742599
Conc: 41.21 ug/ml



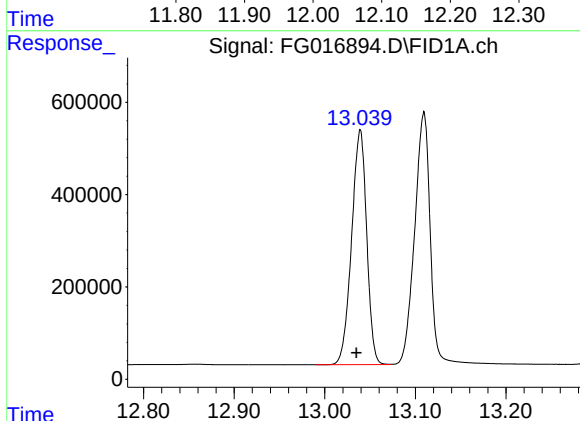
#9 ortho-Terphenyl (SURR)

R.T.: 12.043 min
Delta R.T.: 0.005 min
Response: 6216189
Conc: 39.36 ug/ml

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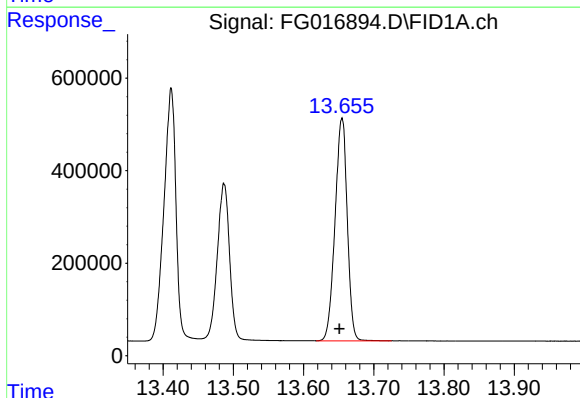
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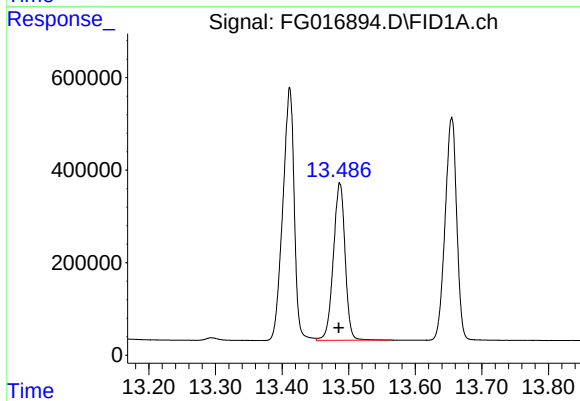
#10 n-Eicosane (C20)

R.T.: 13.039 min
Delta R.T.: 0.004 min
Response: 5872931
Conc: 42.02 ug/ml



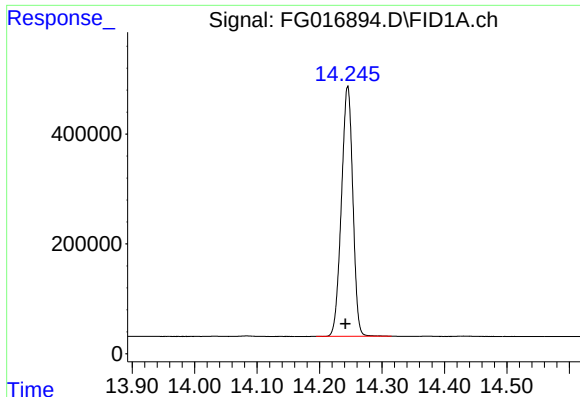
#11 n-Heneicosane (C21)

R.T.: 13.655 min
Delta R.T.: 0.004 min
Response: 5822886
Conc: 41.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.487 min
Delta R.T.: 0.002 min
Response: 4172011
Conc: 34.64 ug/ml



#13 n-Docosane (C22)

R.T.: 14.245 min
Delta R.T.: 0.003 min
Response: 5779408
Conc: 40.85 ug/ml

Instrument :

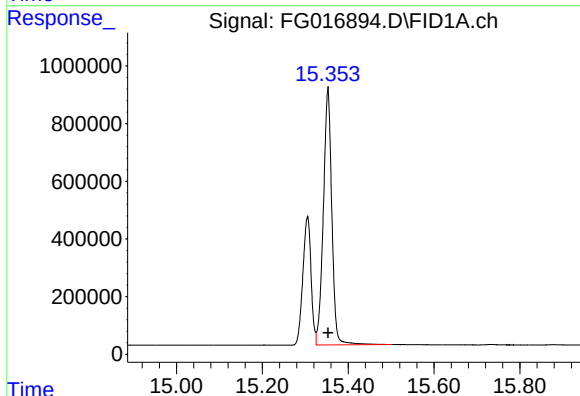
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ClientSampleId :

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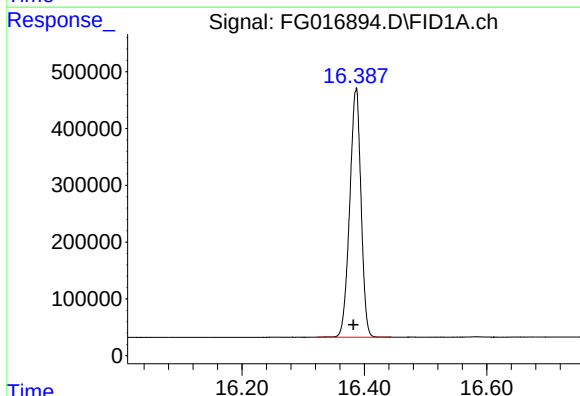
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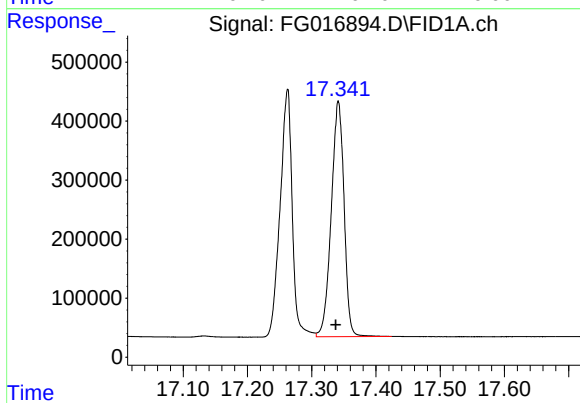
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.000 min
Response: 12233161
Conc: 83.20 ug/ml



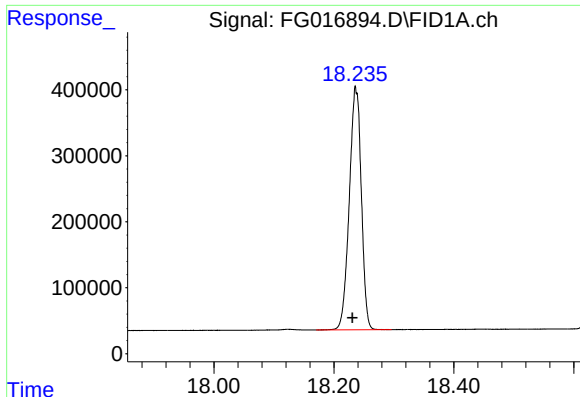
#15 n-Hexacosane (C26)

R.T.: 16.387 min
Delta R.T.: 0.005 min
Response: 5605780
Conc: 38.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.342 min
Delta R.T.: 0.004 min
Response: 5520416
Conc: 37.50 ug/ml



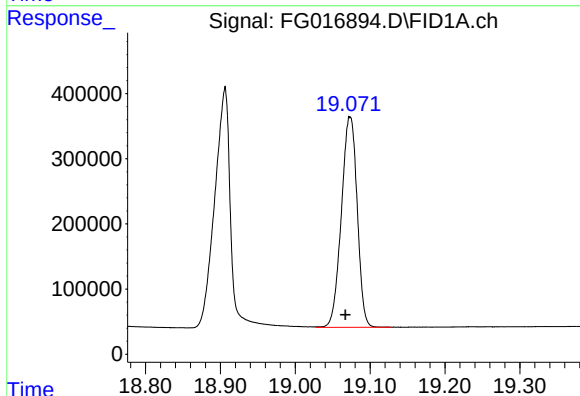
#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: 0.006 min
Response: 5118064
Conc: 33.82 ug/ml

Instrument :
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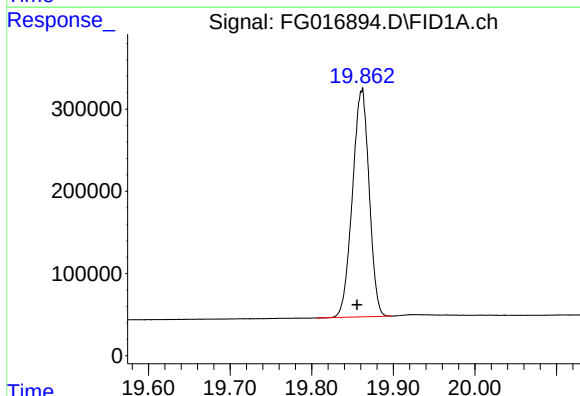
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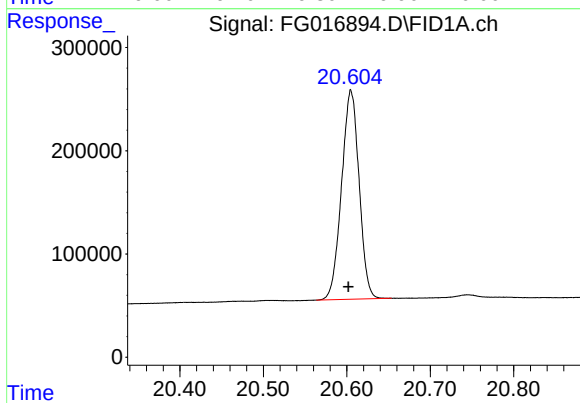
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.006 min
Response: 4744889
Conc: 32.19 ug/ml



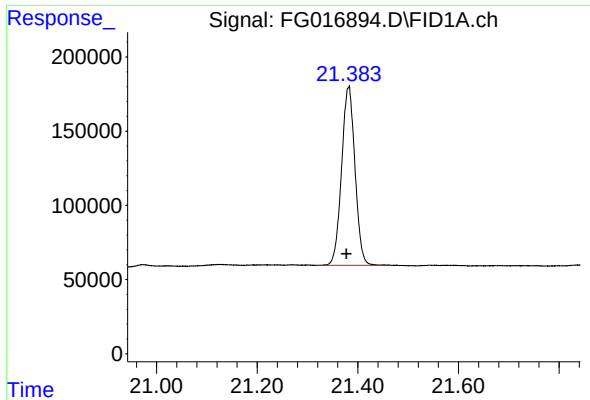
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: 0.006 min
Response: 3936829
Conc: 30.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: 0.002 min
Response: 2955610
Conc: 28.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: 0.005 min
Response: 2232155
Conc: 25.32 ug/ml

Instrument :

FID_G

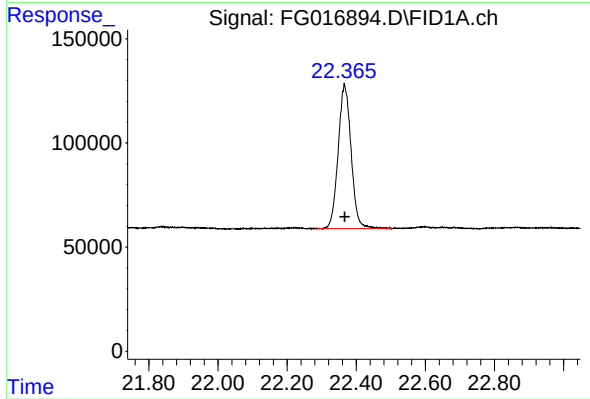
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#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 1800510
Conc: 23.00 ug/ml