

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037667.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 21:47
 Operator : YP\AJ
 Sample : PB147735BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147735BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e
 Quant Time: Sep 20 04:24:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.627	6460333	38.228 ug/ml
Spiked Amount 50.000		Recovery =	76.46%
12) S 1-chlorooctadecane (S...	13.050	5243952	40.746 ug/ml
Spiked Amount 50.000		Recovery =	81.49%
Target Compounds			
1) T n-Nonane (C9)	3.028	4961519	32.427 ug/ml
2) T n-Decane (C10)	4.282	5189721	33.661 ug/mlm
3) T A~Naphthalene (C11.7)	5.993	5679293	39.420 ug/ml
4) T n-Dodecane (C12)	6.451	5898448	37.301 ug/ml
5) T A~2-methylnaphthalene...	7.086	5822738	41.706 ug/ml
6) T n-Tetradecane (C14)	9.869	6404127	40.417 ug/ml
7) T n-Hexadecane (C16)	9.869	6404127	40.417 ug/ml
8) T n-Octadecane (C18)	11.305	6443668	40.464 ug/ml
10) T n-Eicosane (C20)	12.607	6187071	39.104 ug/ml
11) T n-Heneicosane (C21)	13.215	6089721	38.618 ug/ml
13) T n-Docosane (C22)	13.799	5977227	38.397 ug/ml
14) T n-Tetracosane (C24)	14.895	11616147	77.233 ug/ml
15) T n-Hexacosane (C26)	15.912	5668562	39.147 ug/ml
16) T n-Octacosane (C28)	16.855	6066015	43.786 ug/ml
17) T n-Tricontane (C30)	17.740	5532600	40.671 ug/ml
18) T n-Dotriacontane (C32)	18.565	5734667	42.946 ug/ml
19) T n-Tetratriacontane (C34)	19.345	5670647	44.818 ug/ml
20) T n-Hexatriacontane (C36)	20.080	5544837	43.112 ug/mlm
21) T n-Octatriacontane (C38)	20.777	5684943	45.677 ug/mlm
22) T n-Tetracontane (C40)	21.555	5940990	46.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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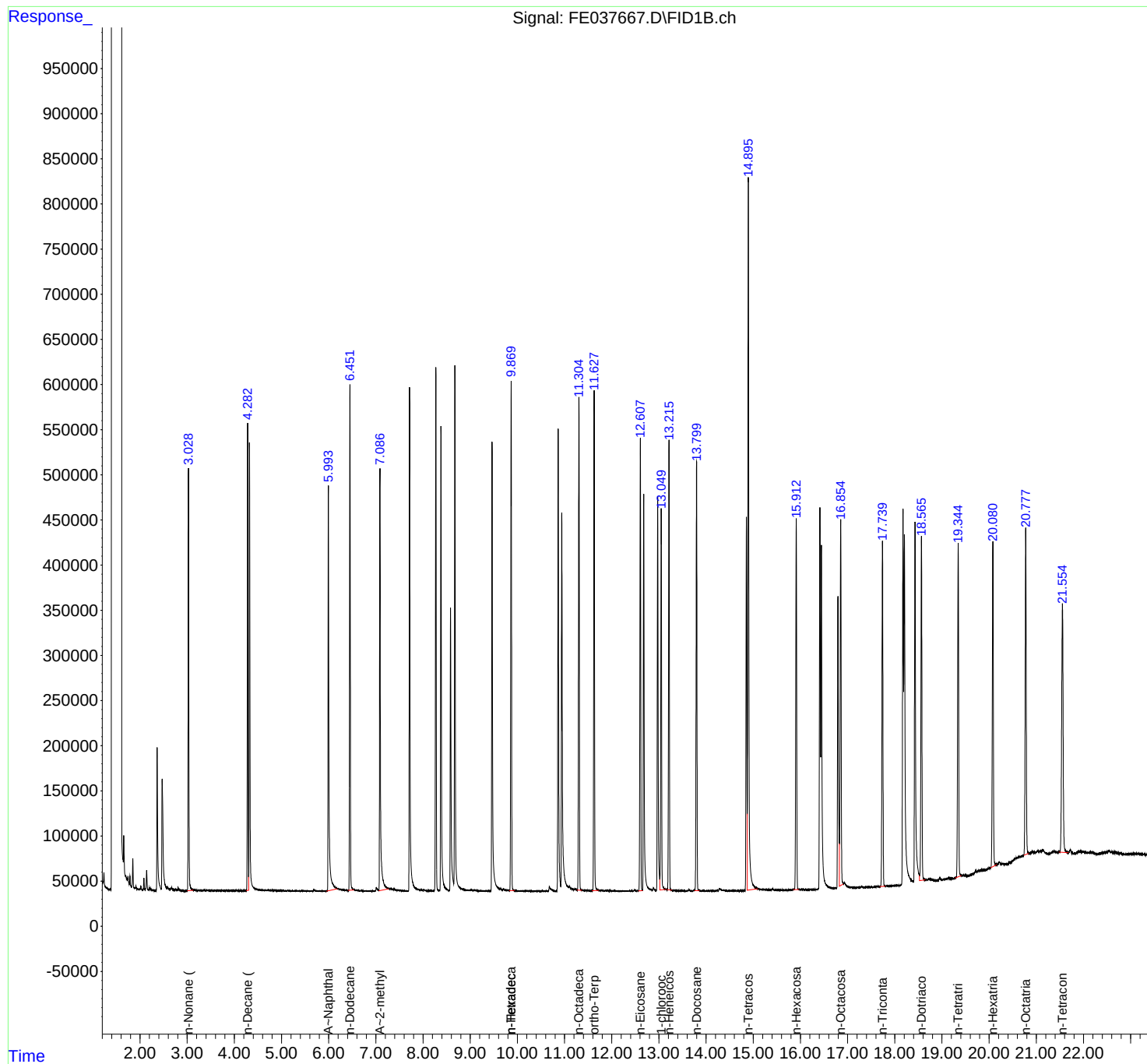
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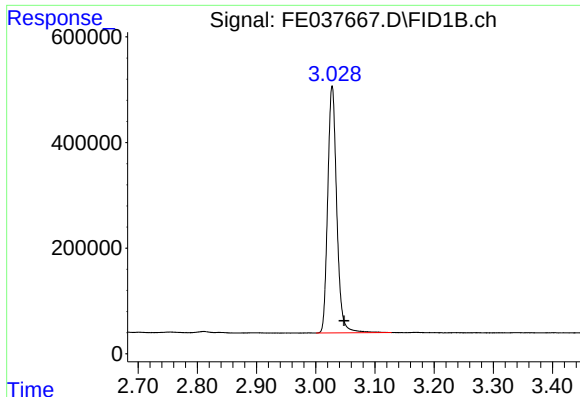
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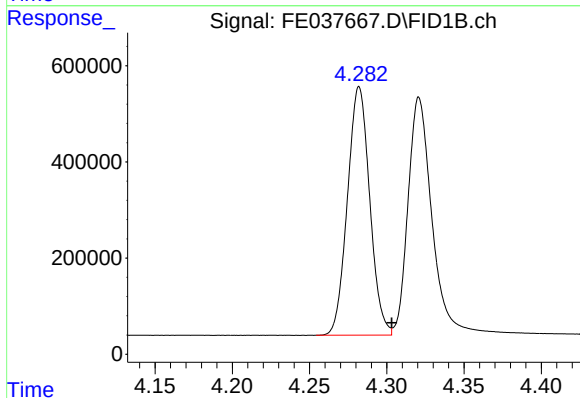
#1 n-Nonane (C9)

R.T.: 3.028 min
Delta R.T.: -0.020 min
Response: 4961519
Conc: 32.43 ug/ml

Instrument :
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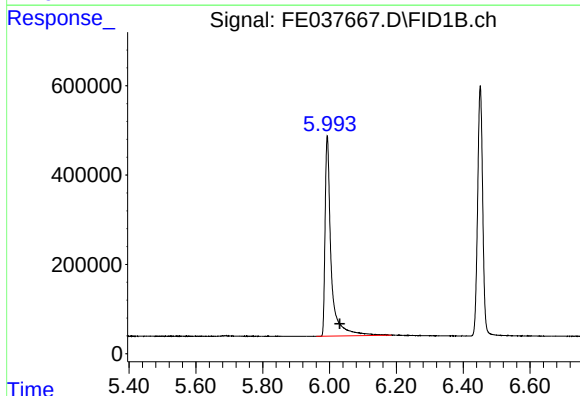
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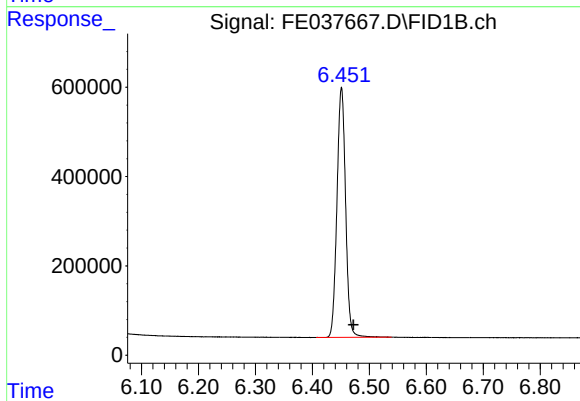
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.022 min
Response: 5189721
Conc: 33.66 ug/ml m



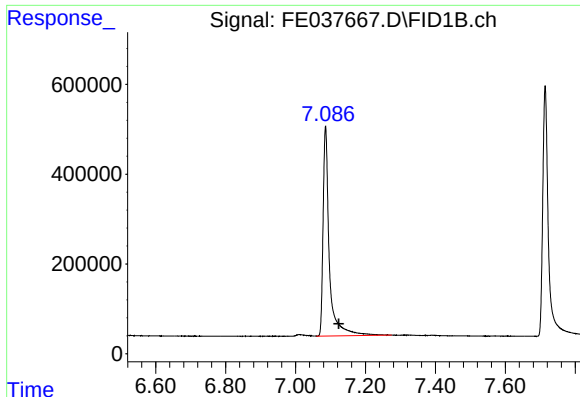
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.037 min
Response: 5679293
Conc: 39.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.021 min
Response: 5898448
Conc: 37.30 ug/ml



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

R.T.: 7.086 min
Delta R.T.: -0.037 min
Response: 5822738
Conc: 41.71 ug/ml

Instrument :

FID_E

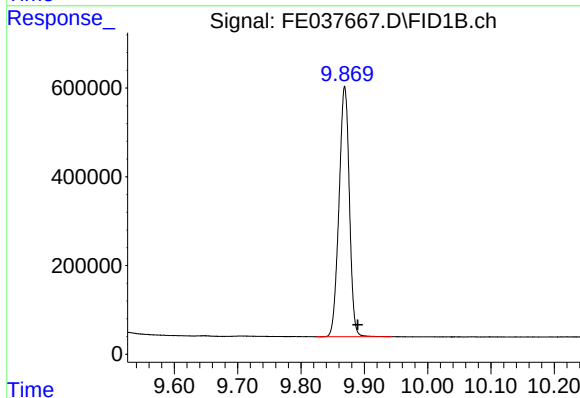
ClientSampleId :

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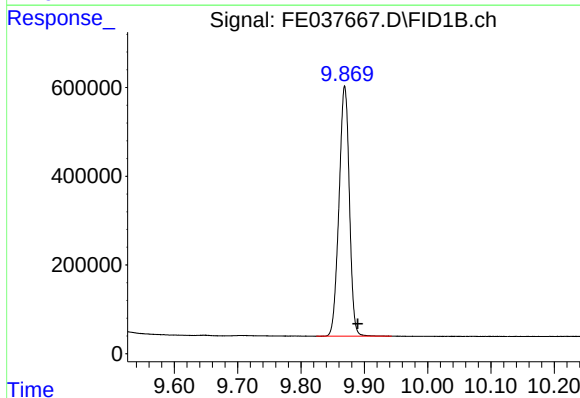
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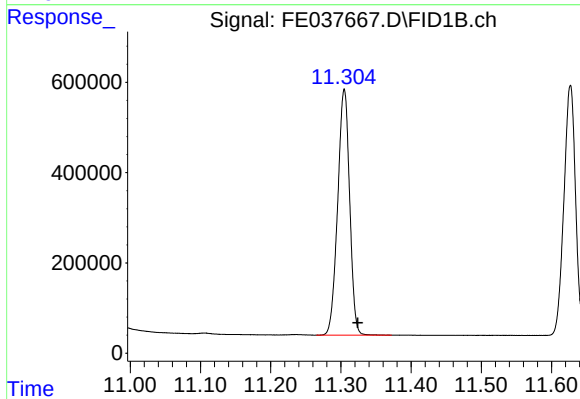
#6 n-Tetradecane (C14)

R.T.: 9.869 min
Delta R.T.: -0.021 min
Response: 6404127
Conc: 40.42 ug/ml



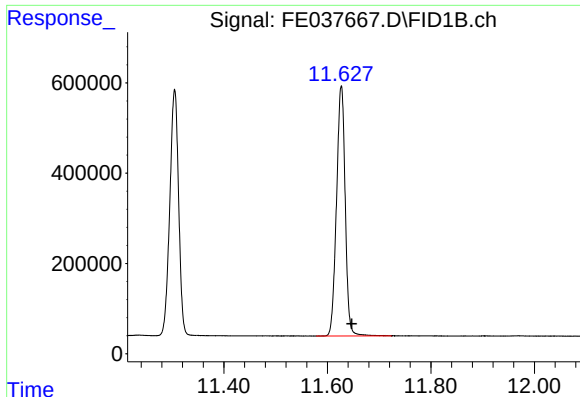
#7 n-Hexadecane (C16)

R.T.: 9.869 min
Delta R.T.: -0.021 min
Response: 6404127
Conc: 40.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: -0.019 min
Response: 6443668
Conc: 40.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 6460333
Conc: 38.23 ug/ml

Instrument :

FID_E

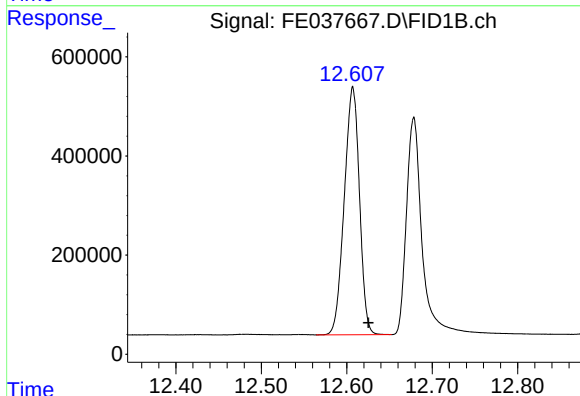
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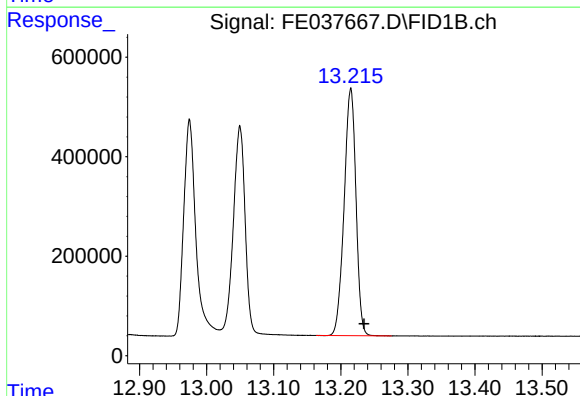
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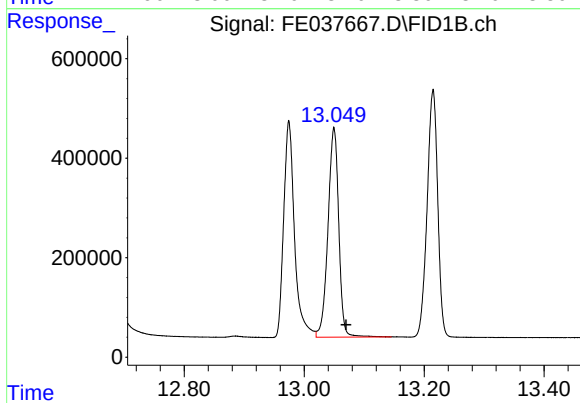
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.018 min
Response: 6187071
Conc: 39.10 ug/ml



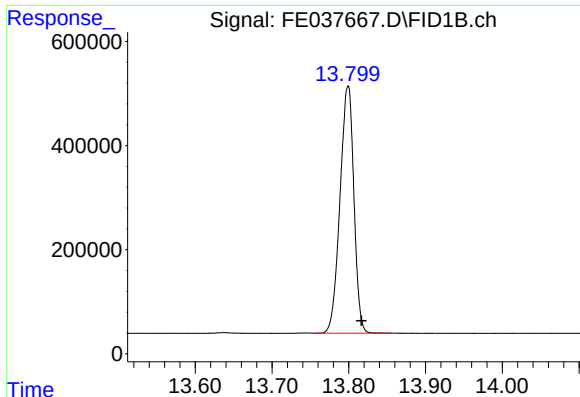
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.020 min
Response: 6089721
Conc: 38.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.020 min
Response: 5243952
Conc: 40.75 ug/ml



#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.017 min
Response: 5977227
Conc: 38.40 ug/ml

Instrument :

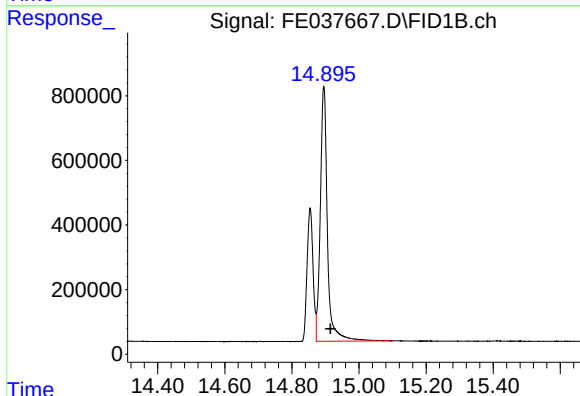
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ClientSampleId :

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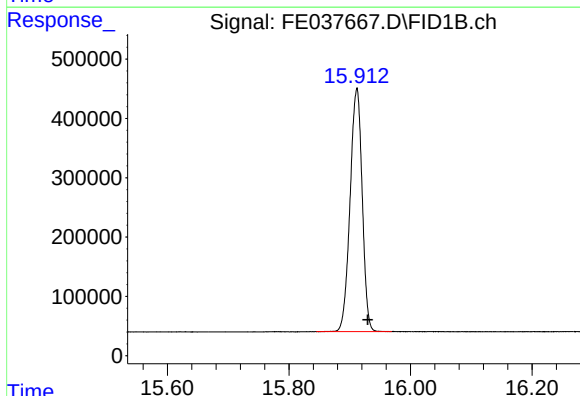
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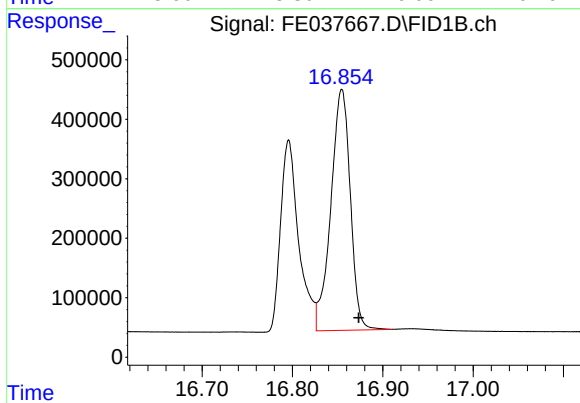
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.019 min
Response: 11616147
Conc: 77.23 ug/ml



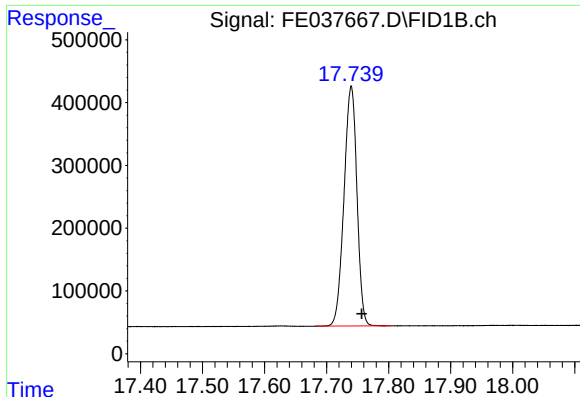
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.018 min
Response: 5668562
Conc: 39.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.019 min
Response: 6066015
Conc: 43.79 ug/ml



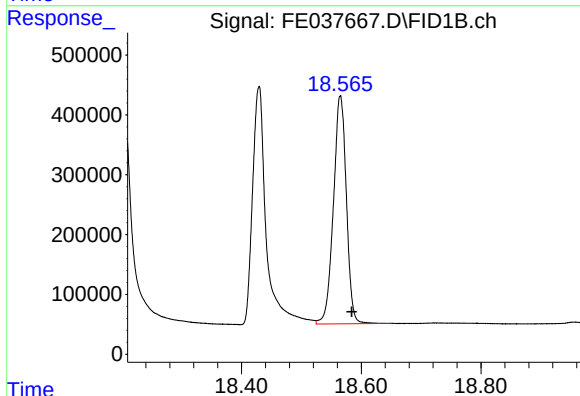
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.017 min
Response: 5532600
Conc: 40.67 ug/ml

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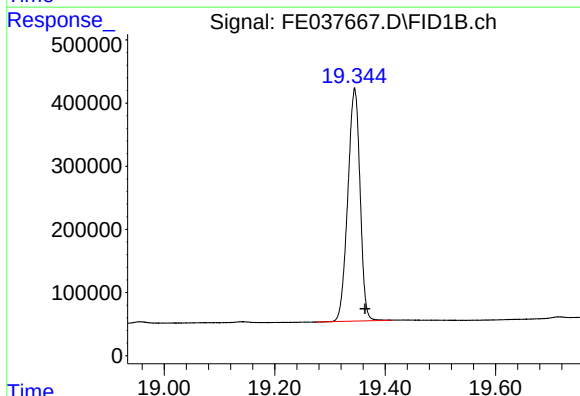
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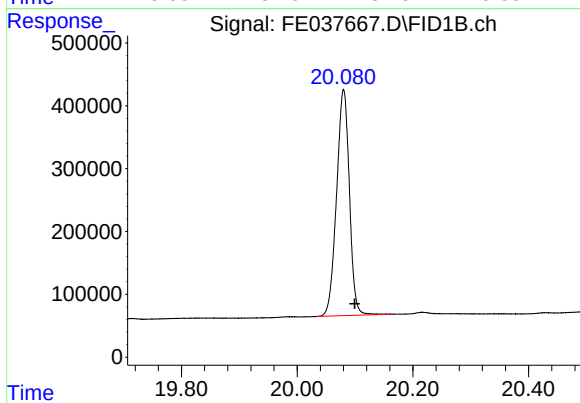
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.019 min
Response: 5734667
Conc: 42.95 ug/ml



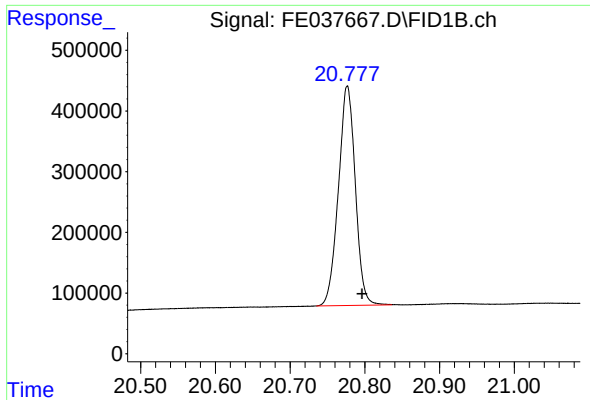
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.018 min
Response: 5670647
Conc: 44.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.020 min
Response: 5544837
Conc: 43.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.020 min
Response: 5684943
Conc: 45.68 ug/ml

Instrument :

FID_E

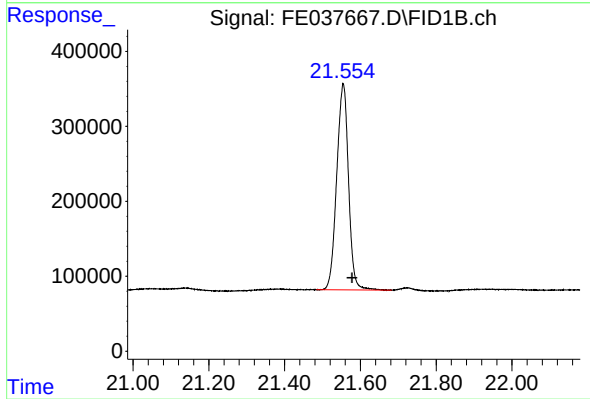
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#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: -0.024 min
Response: 5940990
Conc: 46.08 ug/ml