

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049645.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 15:51
 Operator : YP\AJ
 Sample : PB162783BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162783BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e
 Quant Time: Aug 16 23:41:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.892	6789941	41.988 ug/ml
Spiked Amount 50.000		Recovery =	83.98%
12) S 1-chlorooctadecane (S...	13.326	5269385	43.189 ug/ml
Spiked Amount 50.000		Recovery =	86.38%
Target Compounds			
1) T n-Nonane (C9)	3.287	6058750	39.151 ug/ml
2) T n-Decane (C10)	4.534	6386788	40.451 ug/ml
3) T A~Naphthalene (C11.7)	6.237	6537084	40.741 ug/ml
4) T n-Dodecane (C12)	6.697	6559844	41.727 ug/ml
5) T A~2-methylnaphthalene...	7.333	6269952	41.868 ug/ml
6) T n-Tetradecane (C14)	8.526	6539035	42.357 ug/ml
7) T n-Hexadecane (C16)	10.131	6399603	40.976 ug/ml
8) T n-Octadecane (C18)	11.573	6445679	41.041 ug/ml
10) T n-Eicosane (C20)	12.882	6426356	43.041 ug/ml
11) T n-Heneicosane (C21)	13.493	6257458	42.656 ug/ml
13) T n-Docosane (C22)	14.078	6165898	42.304 ug/ml
14) T n-Tetracosane (C24)	15.175	11278502	77.534 ug/ml
15) T n-Hexacosane (C26)	16.201	6065283	42.025 ug/ml
16) T n-Octacosane (C28)	17.149	6513147	45.218 ug/ml
17) T n-Tricontane (C30)	18.037	6215680	41.520 ug/ml
18) T n-Dotriacontane (C32)	18.867	6355365	42.010 ug/mlm
19) T n-Tetratriacontane (C34)	19.651	6617329	43.284 ug/ml
20) T n-Hexatriacontane (C36)	20.390	6691334	44.065 ug/ml
21) T n-Octatriacontane (C38)	21.120	6936995	44.198 ug/ml
22) T n-Tetracontane (C40)	22.017	6845269	44.834 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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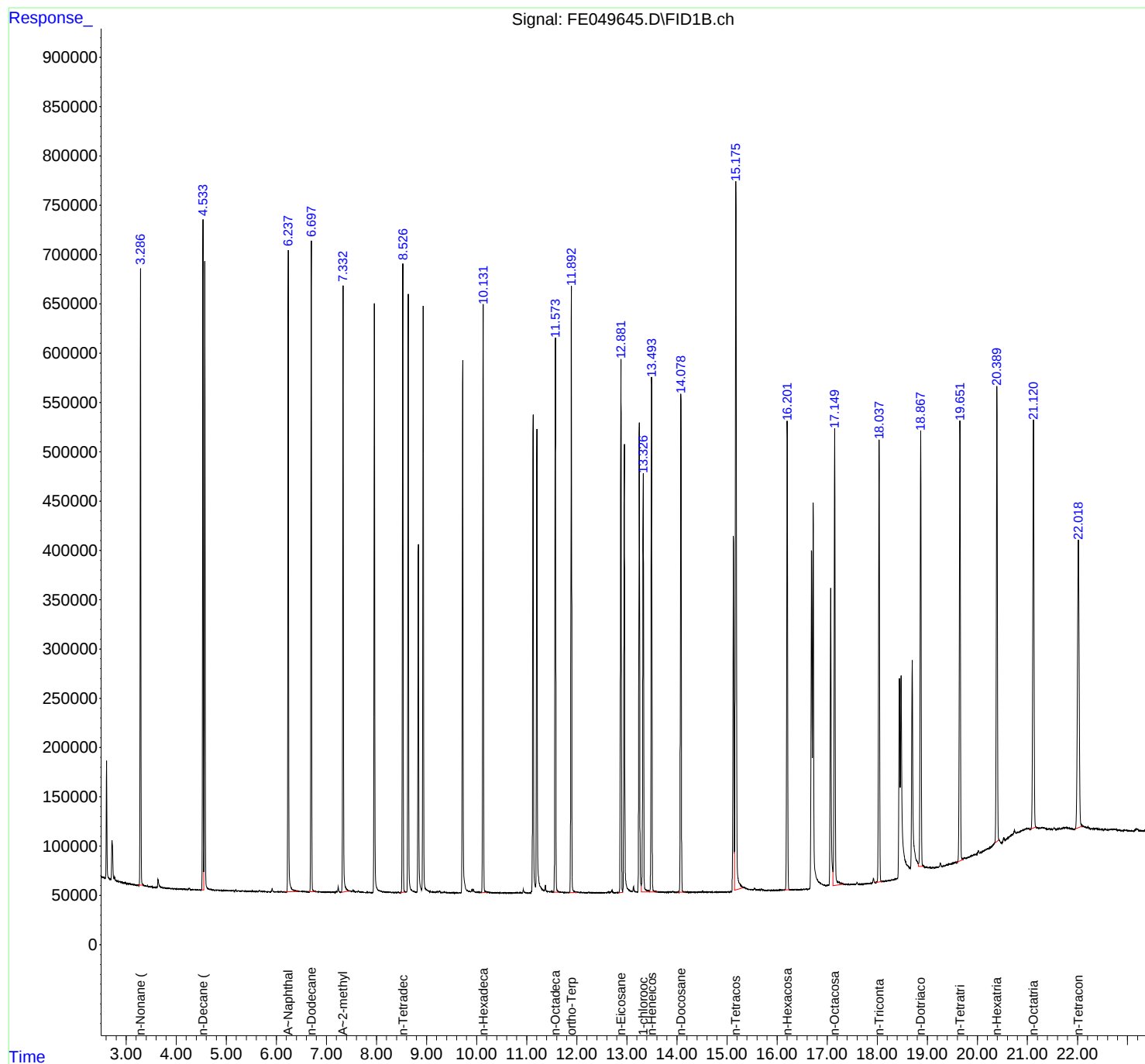
Instrument :
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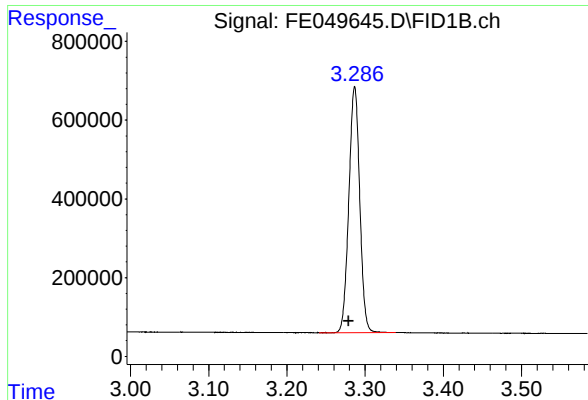
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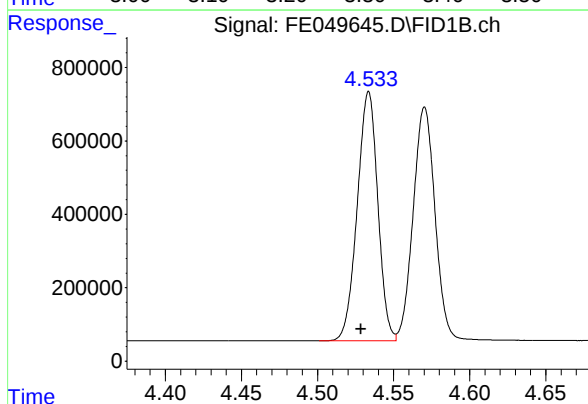
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.008 min
Response: 6058750
Conc: 39.15 ug/ml

Instrument :
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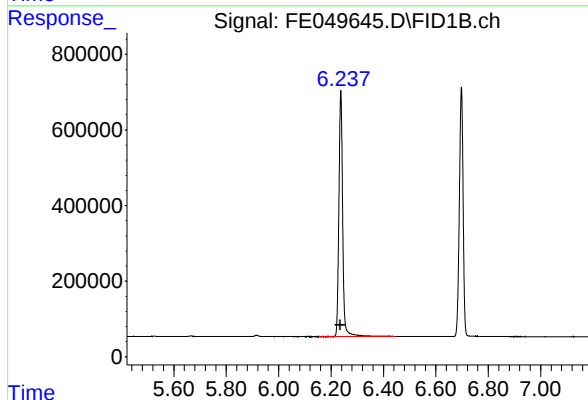
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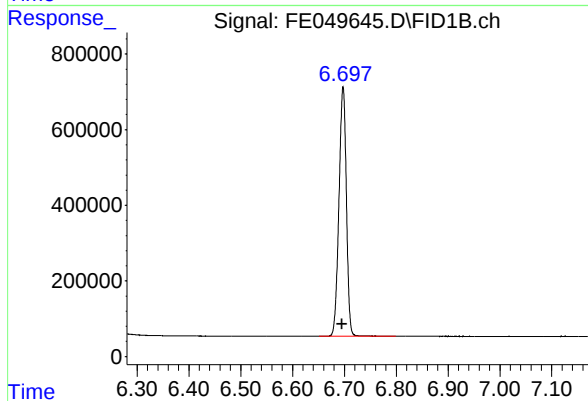
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: 0.005 min
Response: 6386788
Conc: 40.45 ug/ml



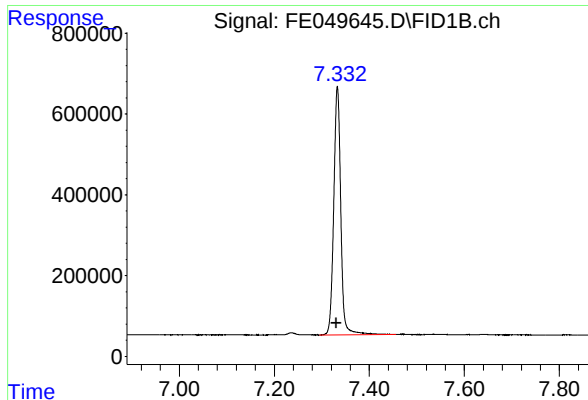
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.002 min
Response: 6537084
Conc: 40.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 6559844
Conc: 41.73 ug/ml



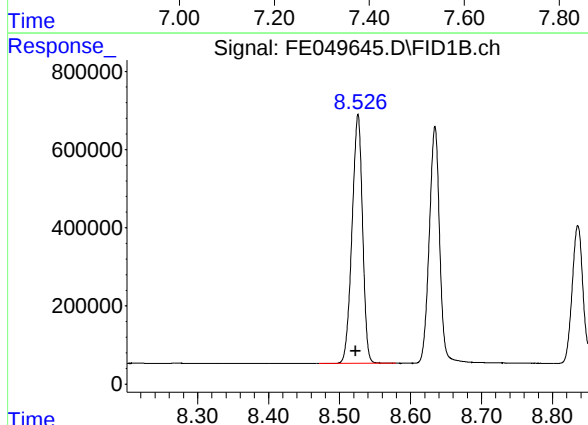
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 6269952
Conc: 41.87 ug/ml

Instrument :
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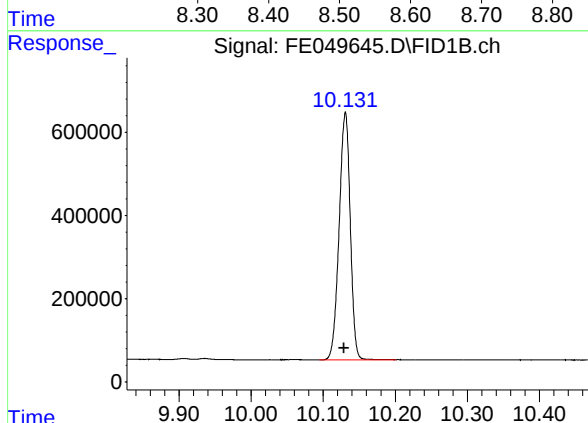
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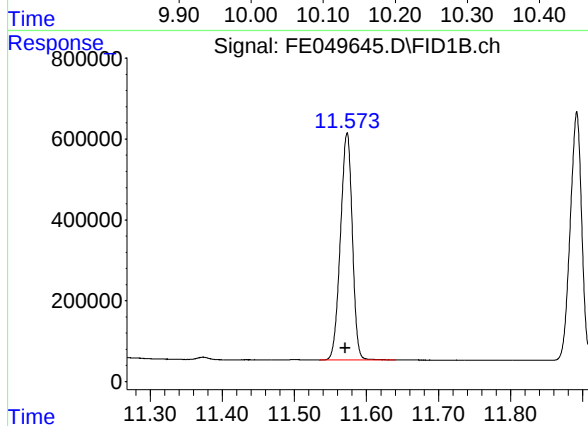
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.003 min
Response: 6539035
Conc: 42.36 ug/ml



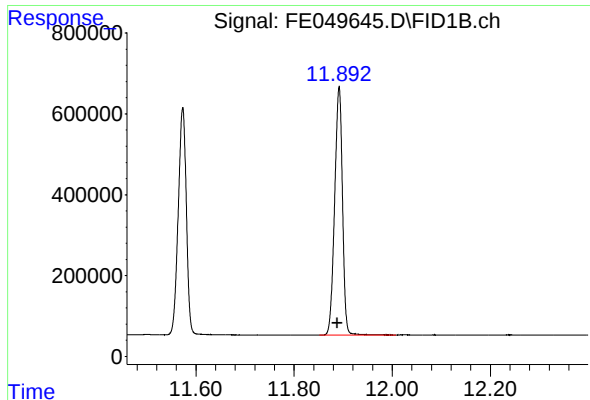
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.002 min
Response: 6399603
Conc: 40.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: 0.003 min
Response: 6445679
Conc: 41.04 ug/ml



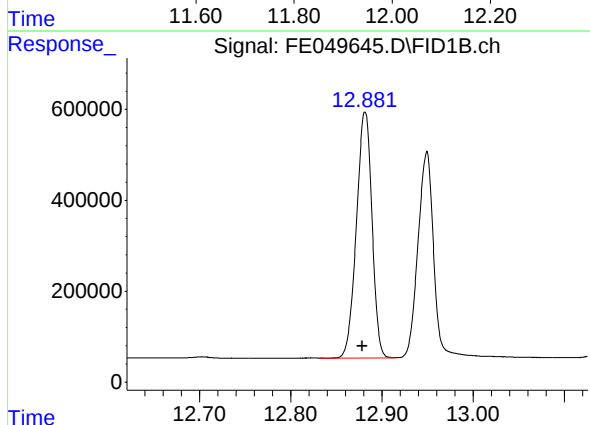
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: 0.003 min
Response: 6789941
Conc: 41.99 ug/ml

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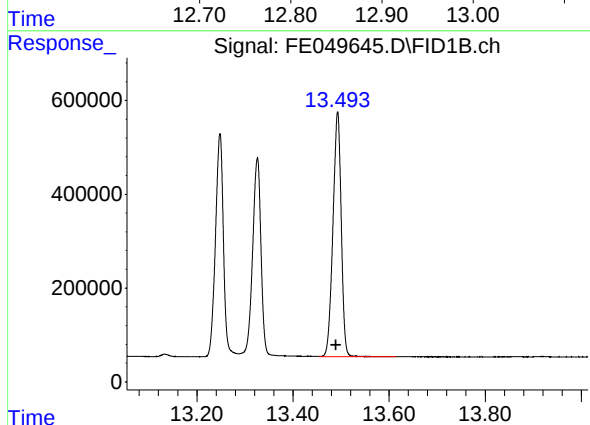
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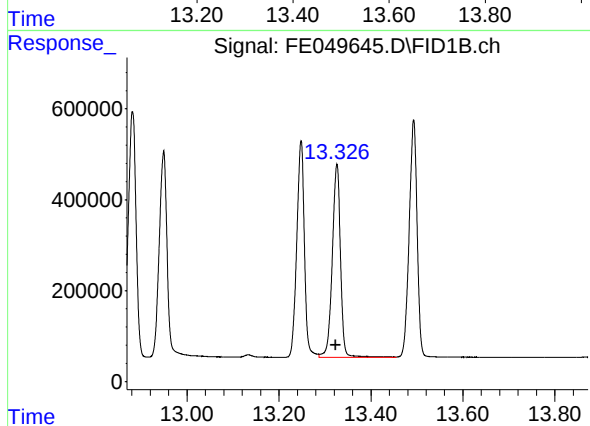
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: 0.003 min
Response: 6426356
Conc: 43.04 ug/ml



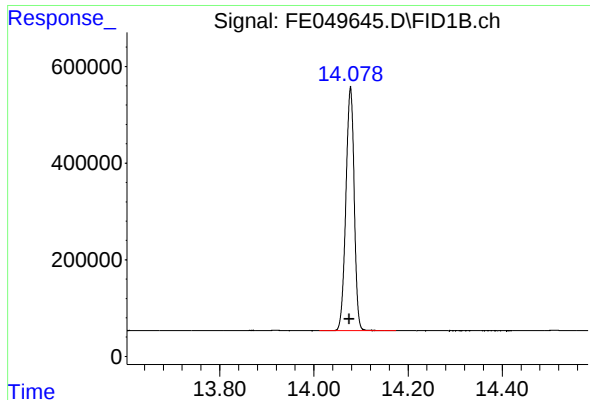
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: 0.003 min
Response: 6257458
Conc: 42.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: 0.002 min
Response: 5269385
Conc: 43.19 ug/ml



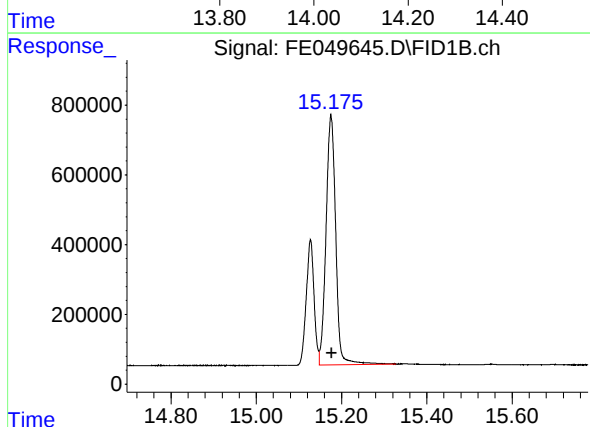
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: 0.002 min
Response: 6165898
Conc: 42.30 ug/ml

Instrument :
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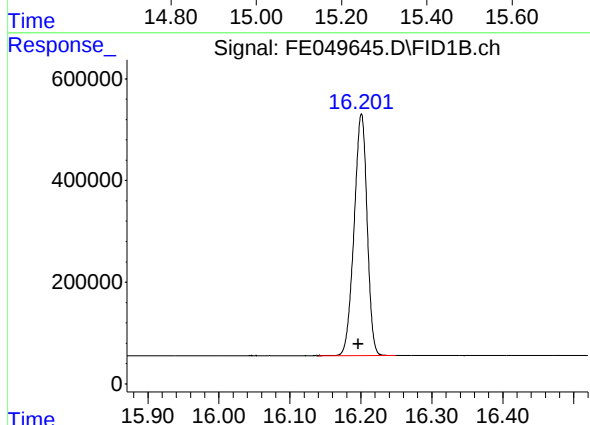
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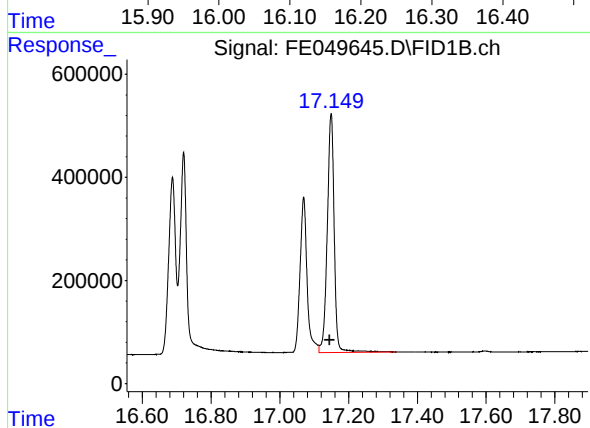
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.002 min
Response: 11278502
Conc: 77.53 ug/ml



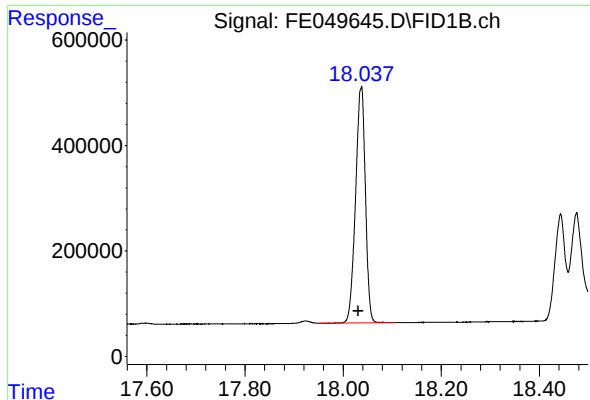
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.004 min
Response: 6065283
Conc: 42.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.004 min
Response: 6513147
Conc: 45.22 ug/ml



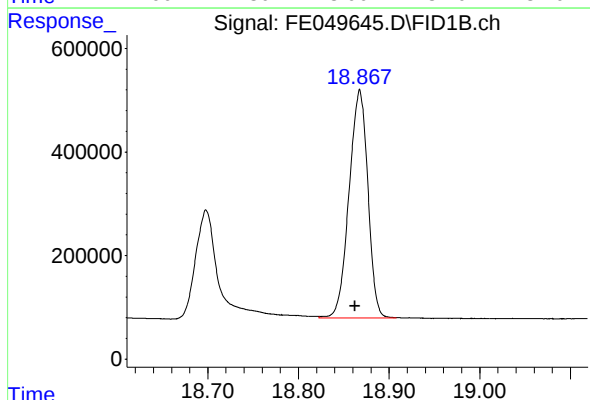
#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: 0.006 min
Response: 6215680
Conc: 41.52 ug/ml

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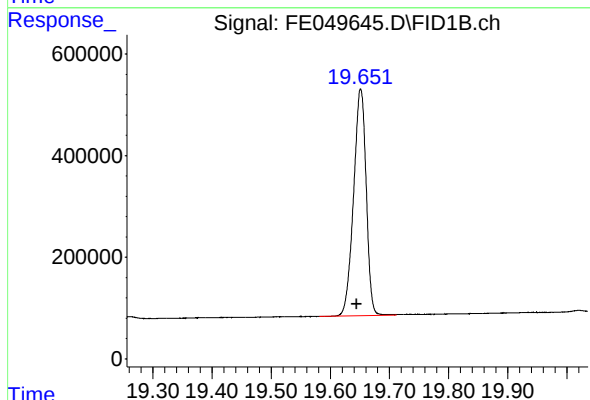
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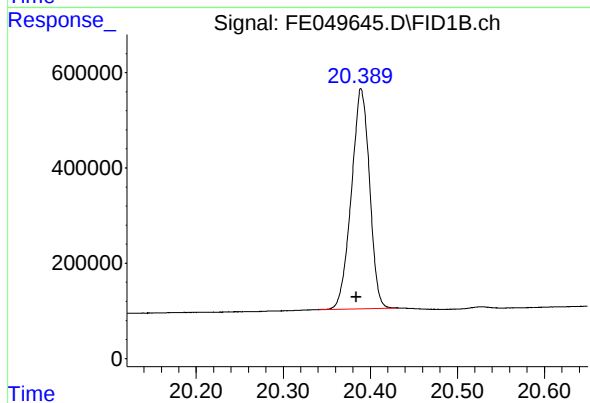
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.005 min
Response: 6355365
Conc: 42.01 ug/ml



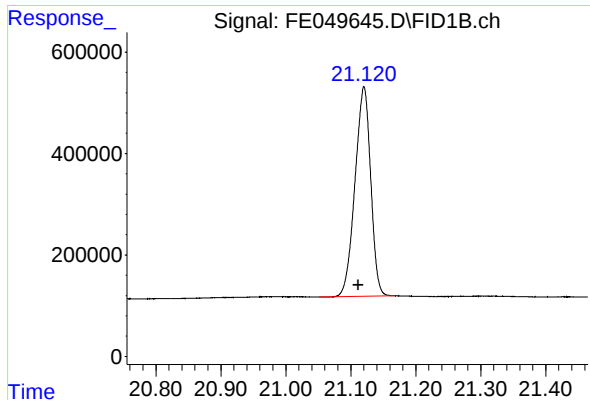
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.007 min
Response: 6617329
Conc: 43.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: 0.006 min
Response: 6691334
Conc: 44.06 ug/ml



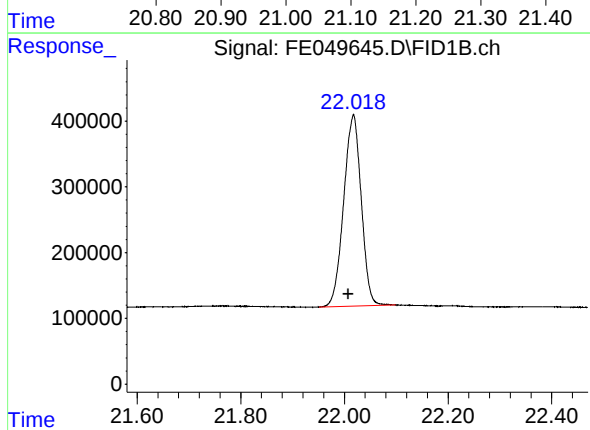
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.009 min
Response: 6936995
Conc: 44.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.010 min
Response: 6845269
Conc: 44.83 ug/ml