

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111323AL\
 Data File : FC065124.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2023 15:38
 Operator : YP/AJ
 Sample : PB157088BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB157088BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :Ankita Jodhani 11/14/2023

Integration File: autoint1.e
 Quant Time: Nov 13 23:17:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.511	8312338	37.769 ug/ml
Spiked Amount 50.000		Recovery =	75.54%
12) S 1-chlorooctadecane (S...	12.941	6423528	40.634 ug/ml
Spiked Amount 50.000		Recovery =	81.27%
Target Compounds			
1) T n-Nonane (C9)	3.321	8055858	42.609 ug/ml
2) T n-Decane (C10)	4.375	8883232	46.718 ug/ml
3) T A~Naphthalene (C11.7)	5.951	9698116	50.230 ug/ml
4) T n-Dodecane (C12)	6.382	9433265	48.833 ug/ml
5) T A~2-methylnaphthalene...	7.004	9505832	51.729 ug/ml
6) T n-Tetradecane (C14)	8.169	9438156	50.020 ug/ml
7) T n-Hexadecane (C16)	9.763	9310350	49.255 ug/ml
8) T n-Octadecane (C18)	11.199	9226791	48.889 ug/ml
10) T n-Eicosane (C20)	12.501	9079412	50.503 ug/ml
11) T n-Heneicosane (C21)	13.110	8629884	49.154 ug/ml
13) T n-Docosane (C22)	13.693	8499325	49.480 ug/ml
14) T n-Tetracosane (C24)	14.785	16025328	96.216 ug/ml
15) T n-Hexacosane (C26)	15.809	7919841	49.342 ug/ml
16) T n-Octacosane (C28)	16.751	8049251	51.433 ug/ml
17) T n-Tricontane (C30)	17.638	7768208	49.044 ug/ml
18) T n-Dotriacontane (C32)	18.465	7581280	48.015 ug/ml
19) T n-Tetratriacontane (C34)	19.245	7362148	48.232 ug/ml
20) T n-Hexatriacontane (C36)	19.980	6975590	46.233 ug/mlm
21) T n-Octatriacontane (C38)	20.700	6863871	46.123 ug/ml
22) T n-Tetracontane (C40)	21.575	6693199	45.507 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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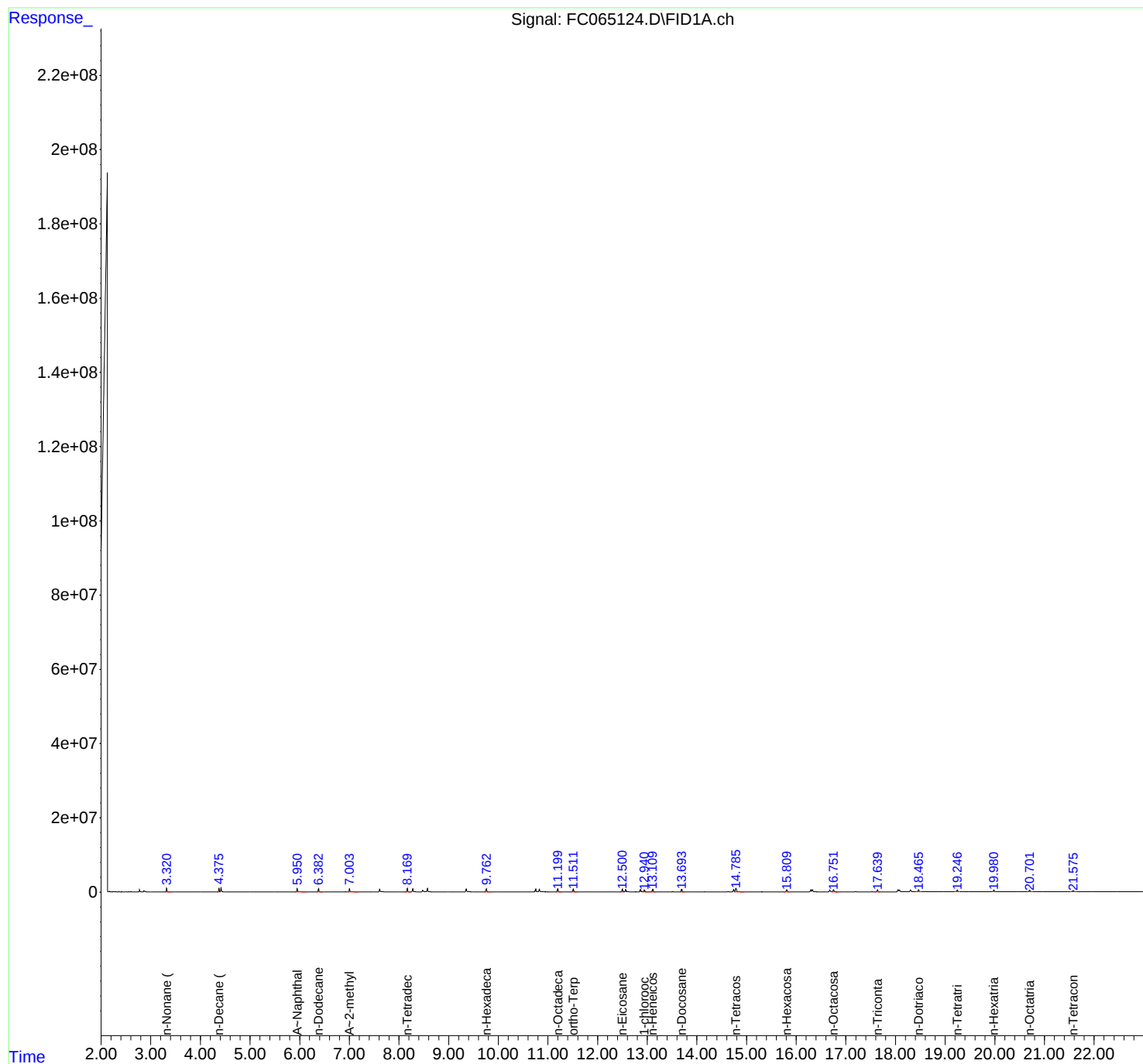
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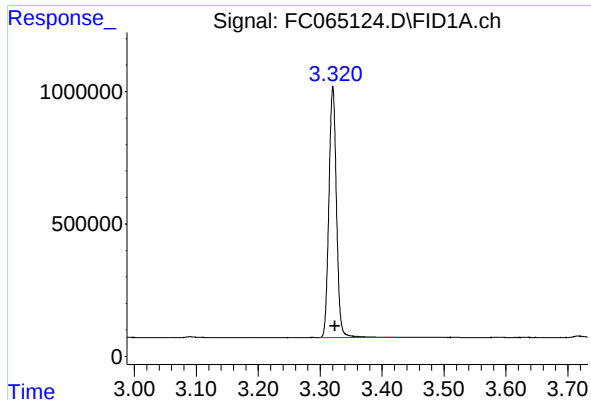
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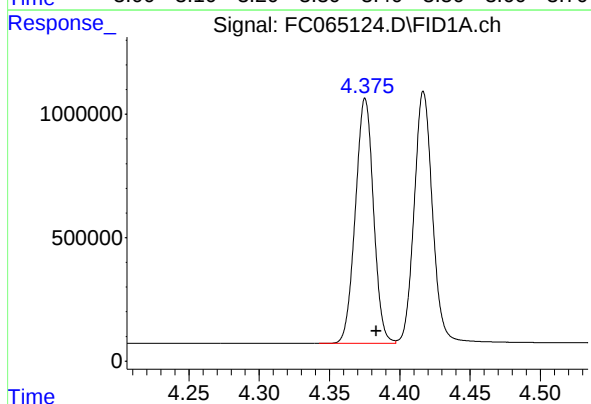
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 8055858
Conc: 42.61 ug/ml

Instrument :
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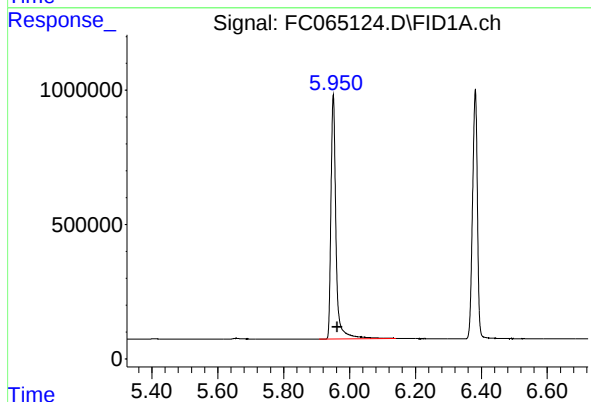
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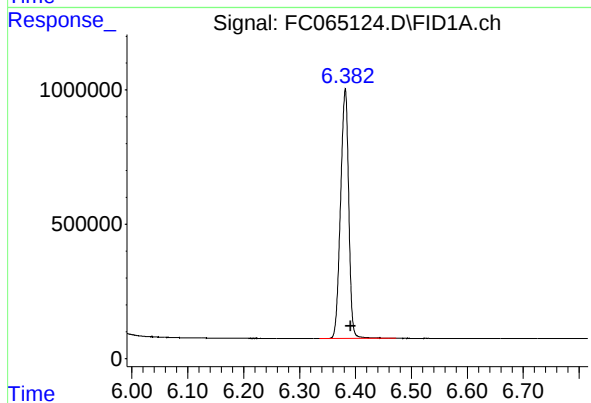
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.008 min
Response: 8883232
Conc: 46.72 ug/ml



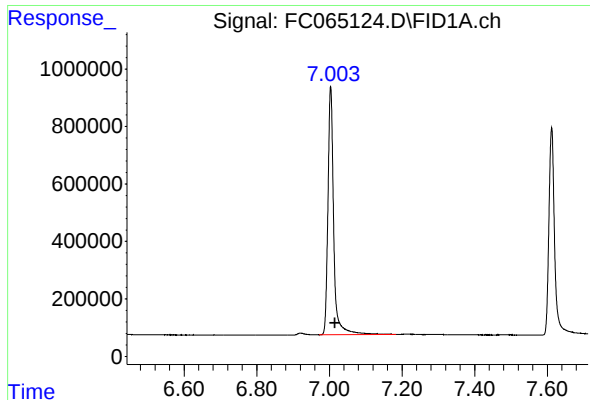
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 9698116
Conc: 50.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.010 min
Response: 9433265
Conc: 48.83 ug/ml



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

R.T.: 7.004 min
Delta R.T.: -0.012 min
Response: 9505832
Conc: 51.73 ug/ml

Instrument :

FID_C

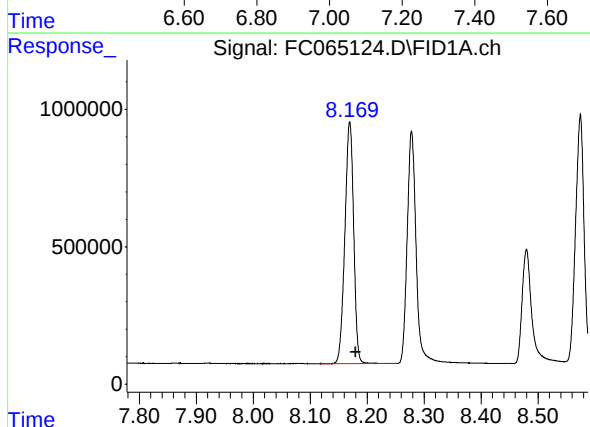
ClientSampleId :

PB157088BS

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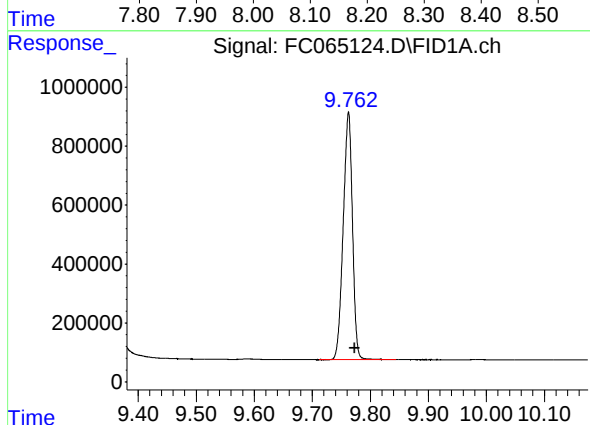
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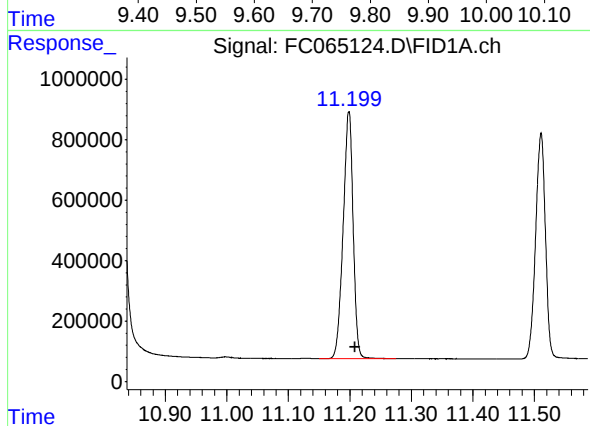
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.010 min
Response: 9438156
Conc: 50.02 ug/ml



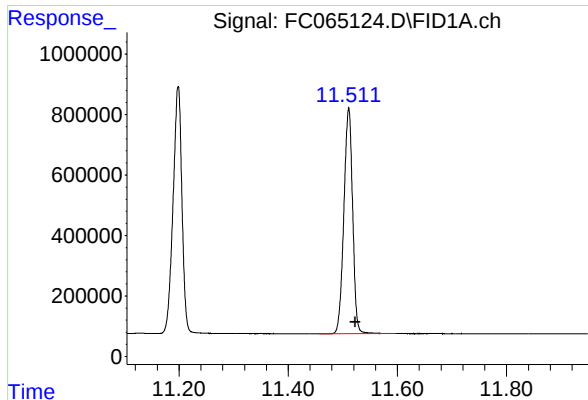
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.011 min
Response: 9310350
Conc: 49.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.199 min
Delta R.T.: -0.010 min
Response: 9226791
Conc: 48.89 ug/ml



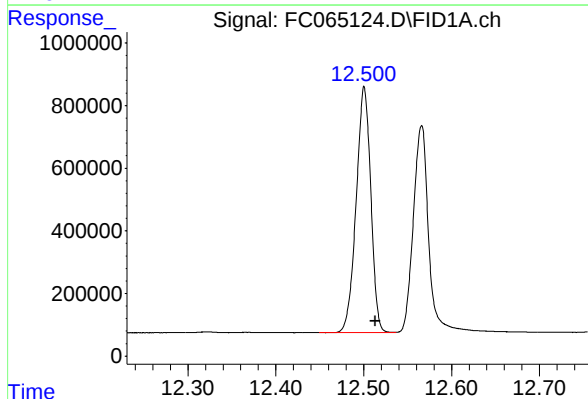
#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: -0.012 min
Response: 8312338
Conc: 37.77 ug/ml

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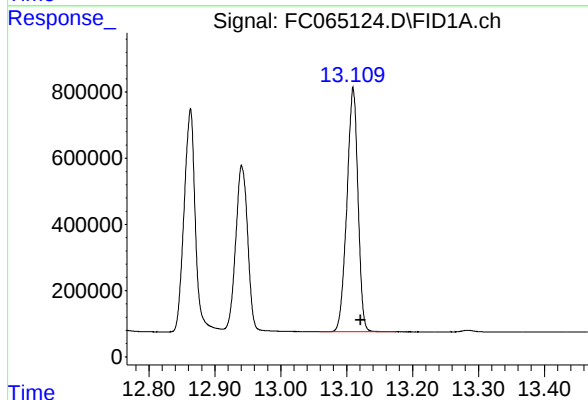
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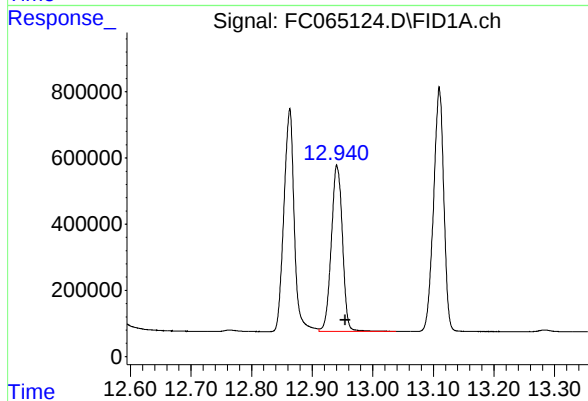
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.013 min
Response: 9079412
Conc: 50.50 ug/ml



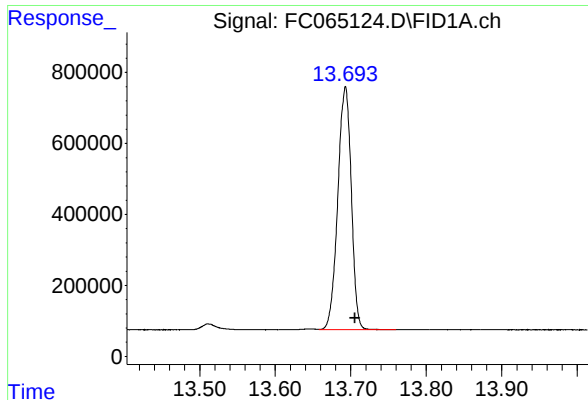
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.012 min
Response: 8629884
Conc: 49.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 6423528
Conc: 40.63 ug/ml



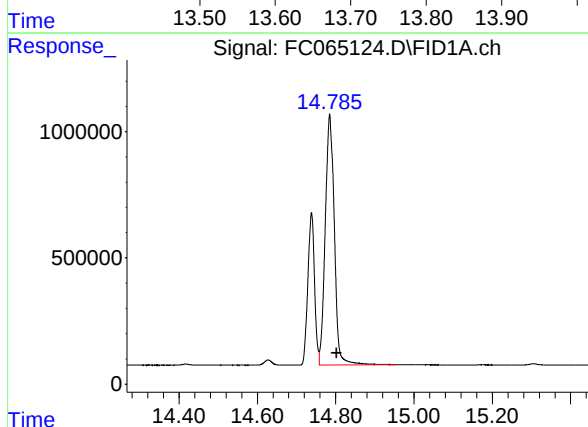
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: -0.012 min
Response: 8499325
Conc: 49.48 ug/ml

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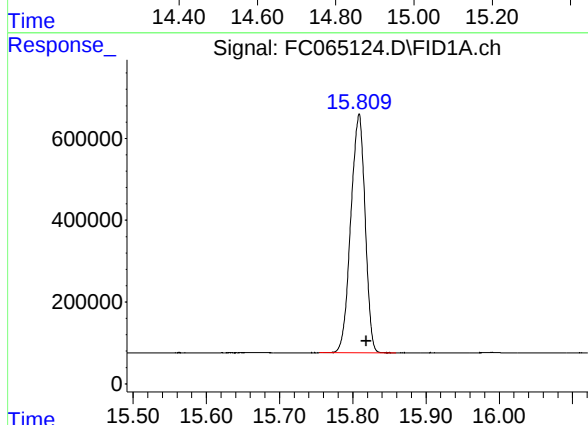
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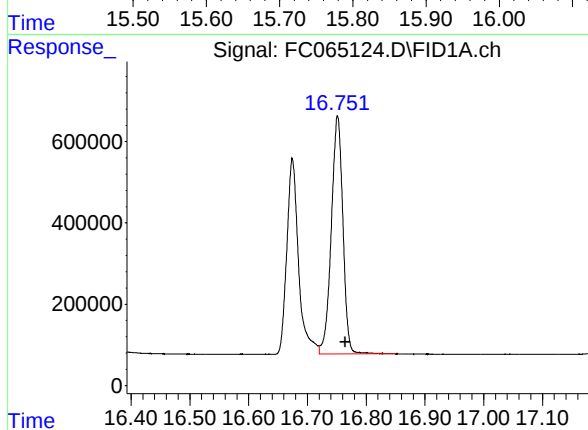
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.018 min
Response: 16025328
Conc: 96.22 ug/ml



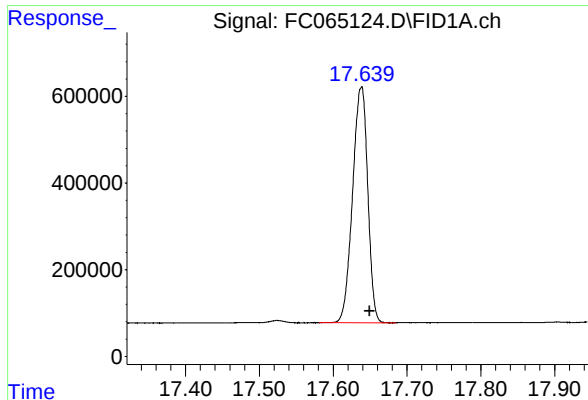
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.010 min
Response: 7919841
Conc: 49.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.013 min
Response: 8049251
Conc: 51.43 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.638 min
Delta R.T.: -0.011 min
Response: 7768208
Conc: 49.04 ug/ml

Instrument :

FID_C

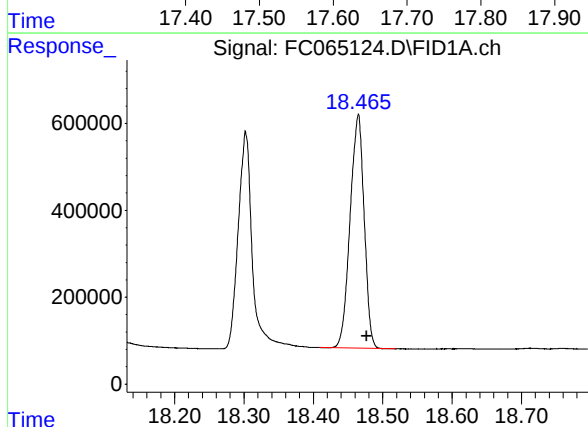
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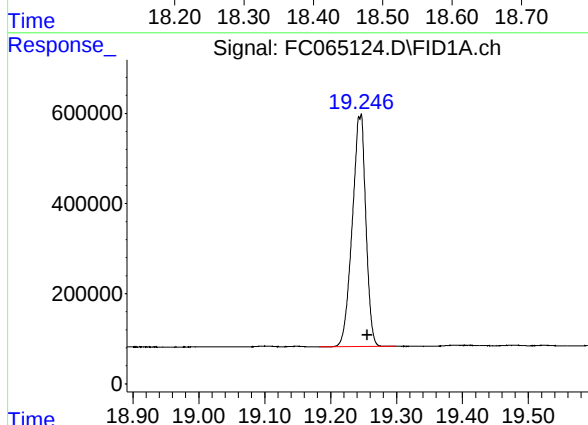
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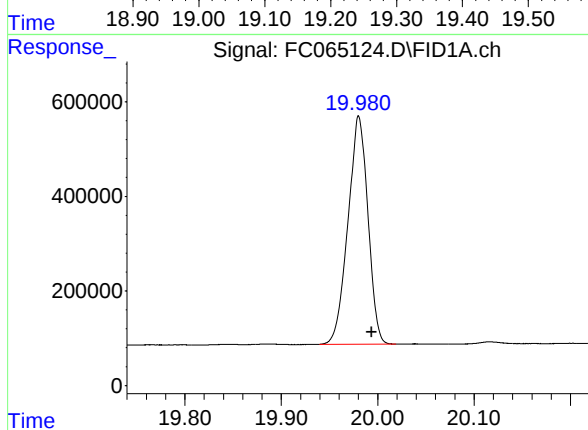
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.012 min
Response: 7581280
Conc: 48.01 ug/ml



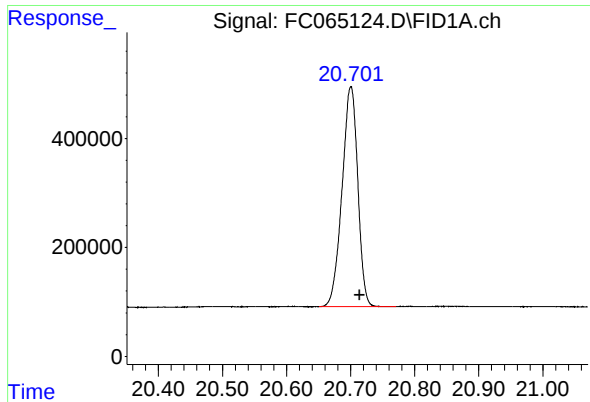
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: -0.010 min
Response: 7362148
Conc: 48.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 6975590
Conc: 46.23 ug/ml m



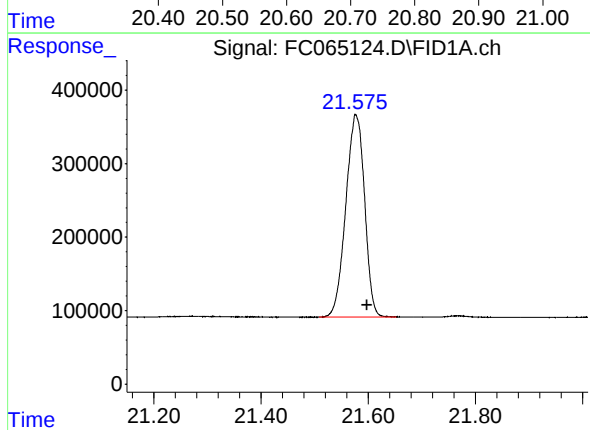
#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 6863871
Conc: 46.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.023 min
Response: 6693199
Conc: 45.51 ug/ml m