

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040424AL\
 Data File : FE047465.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2024 14:30
 Operator : YP\AJ
 Sample : PB159994BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB159994BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/05/2024
 Supervised By :Ankita Jodhani 04/05/2024

Integration File: autoint1.e
 Quant Time: Apr 05 01:25:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.984	6755929	38.951 ug/ml
Spiked Amount 50.000		Recovery =	77.90%
12) S 1-chlorooctadecane (S...	13.416	5593971	41.592 ug/ml
Spiked Amount 50.000		Recovery =	83.18%
Target Compounds			
1) T n-Nonane (C9)	3.373	6276299	40.117 ug/ml
2) T n-Decane (C10)	4.620	6611343	41.136 ug/ml
3) T A~Naphthalene (C11.7)	6.323	6952817	41.006 ug/ml
4) T n-Dodecane (C12)	6.782	6867890	42.314 ug/ml
5) T A~2-methylnaphthalene...	7.418	6872226	41.847 ug/ml
6) T n-Tetradecane (C14)	8.612	6900165	42.892 ug/ml
7) T n-Hexadecane (C16)	10.217	6849762	41.245 ug/ml
8) T n-Octadecane (C18)	11.662	6961911	41.515 ug/ml
10) T n-Eicosane (C20)	12.972	6975305	43.057 ug/ml
11) T n-Heneicosane (C21)	13.584	6774700	42.696 ug/ml
13) T n-Docosane (C22)	14.170	6714661	41.841 ug/ml
14) T n-Tetracosane (C24)	15.269	11339862	68.700 ug/ml
15) T n-Hexacosane (C26)	16.292	6551706	39.636 ug/ml
16) T n-Octacosane (C28)	17.242	6668405	40.240 ug/ml
17) T n-Tricontane (C30)	18.128	6586229	38.794 ug/ml
18) T n-Dotriacontane (C32)	18.959	6539233	39.216 ug/ml
19) T n-Tetratriacontane (C34)	19.742	6747597	42.071 ug/ml
20) T n-Hexatriacontane (C36)	20.481	6972468	43.715 ug/ml
21) T n-Octatriacontane (C38)	21.225	7683860	47.278 ug/mlm
22) T n-Tetracontane (C40)	22.158	8282186	50.586 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB159994BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

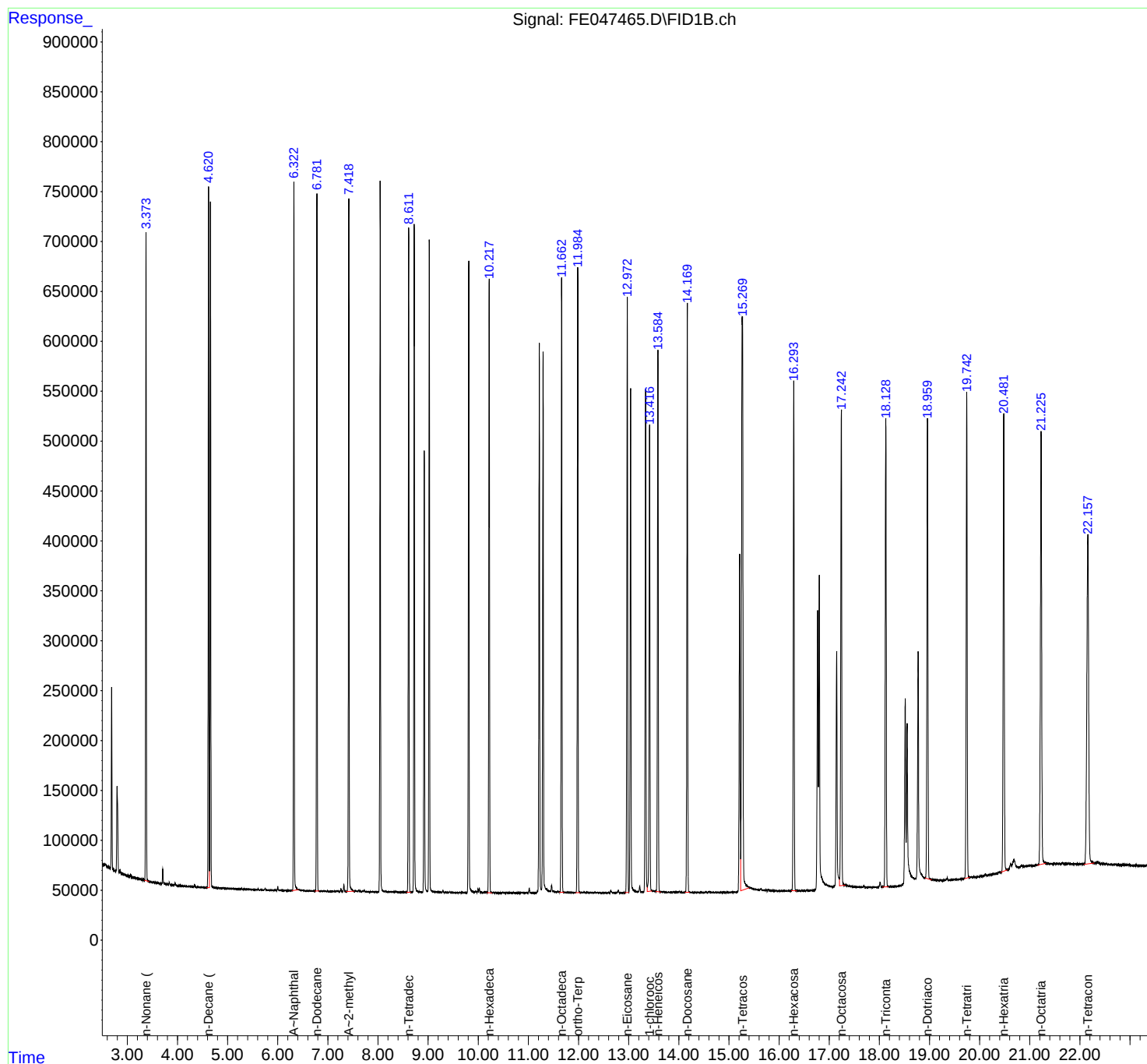
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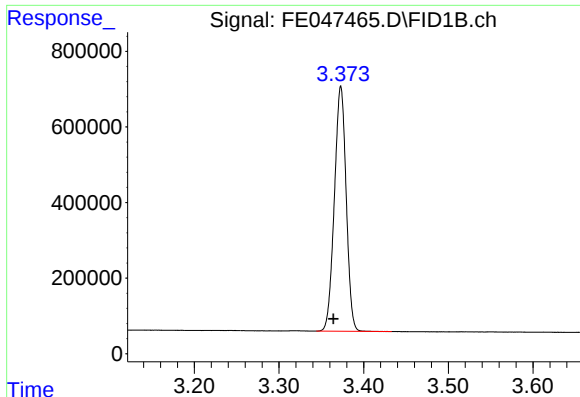
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#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: 0.009 min
Response: 6276299
Conc: 40.12 ug/ml

Instrument :

FID_E

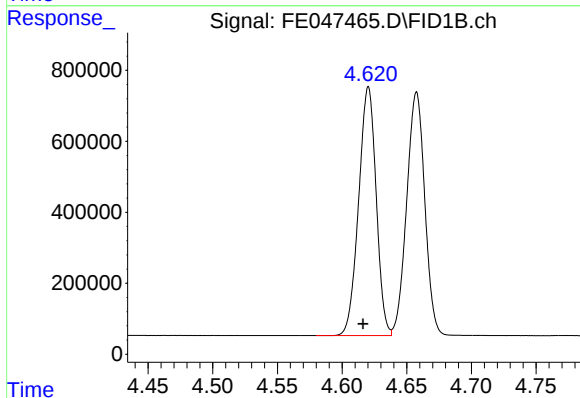
ClientSampleId :

PB159994BSD

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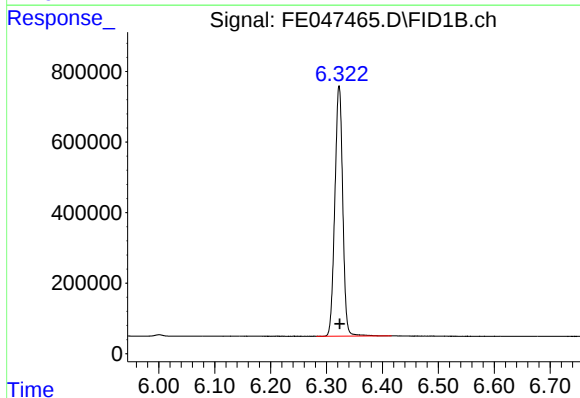
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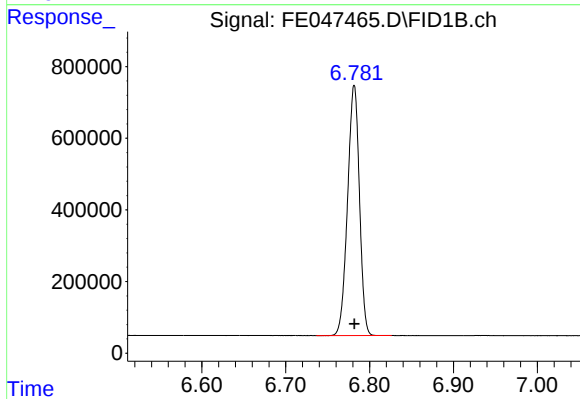
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.004 min
Response: 6611343
Conc: 41.14 ug/ml



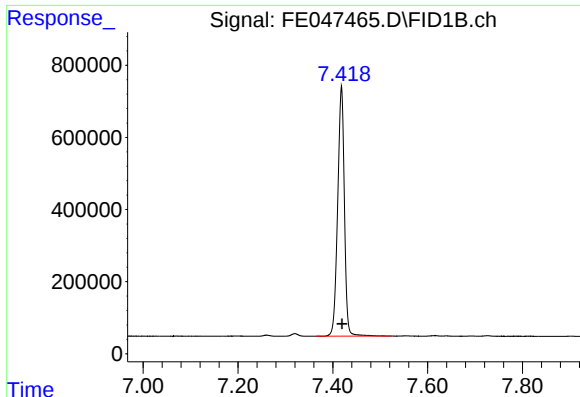
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 6952817
Conc: 41.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 6867890
Conc: 42.31 ug/ml



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

R.T.: 7.418 min
Delta R.T.: -0.001 min
Response: 6872226
Conc: 41.85 ug/ml

Instrument :

FID_E

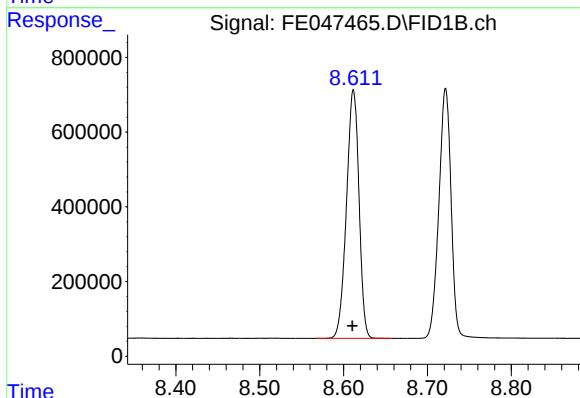
ClientSampleId :

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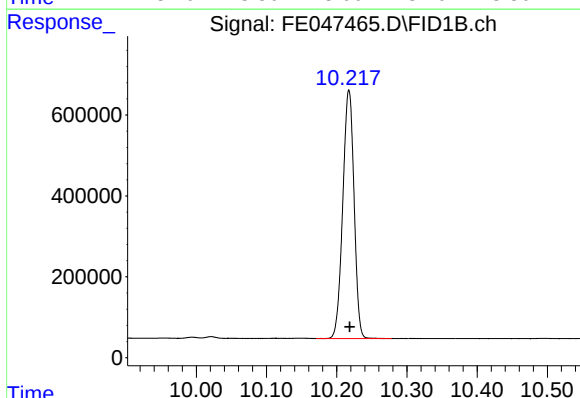
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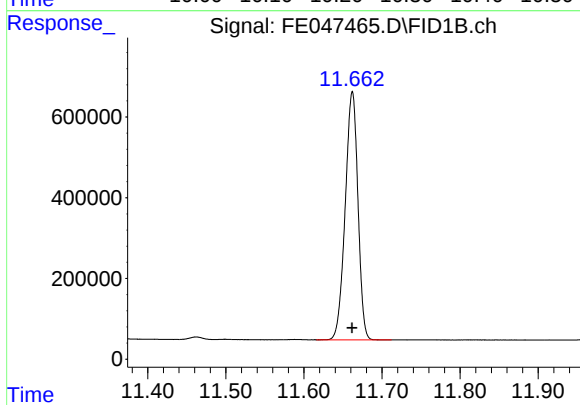
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 6900165
Conc: 42.89 ug/ml



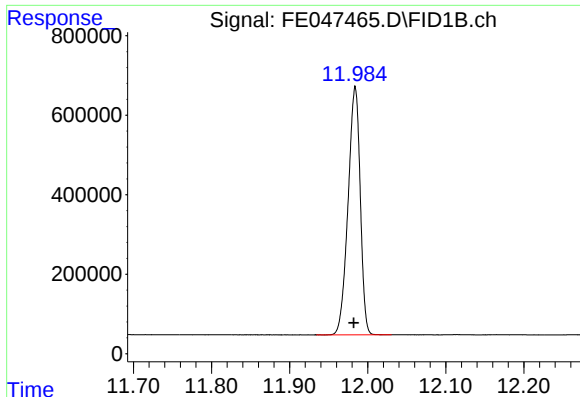
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 6849762
Conc: 41.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 6961911
Conc: 41.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min
Delta R.T.: 0.002 min
Response: 6755929
Conc: 38.95 ug/ml

Instrument :

FID_E

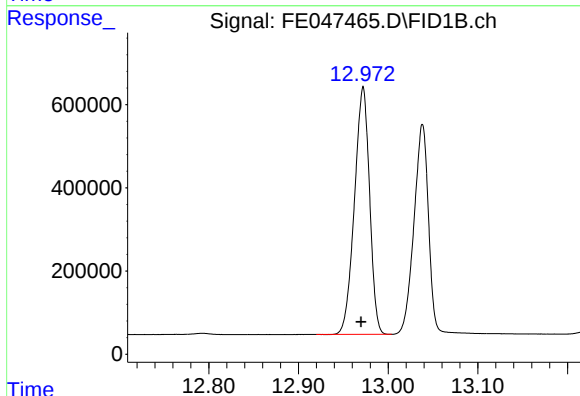
ClientSampleId :

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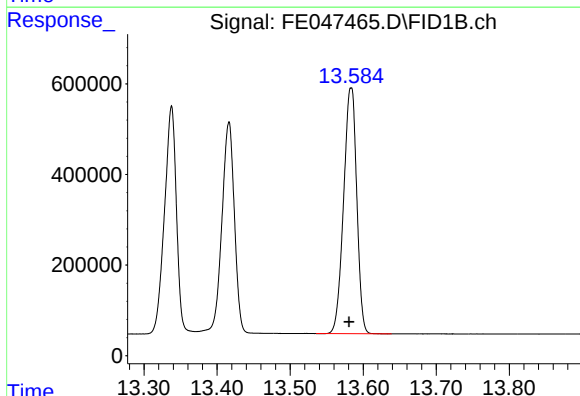
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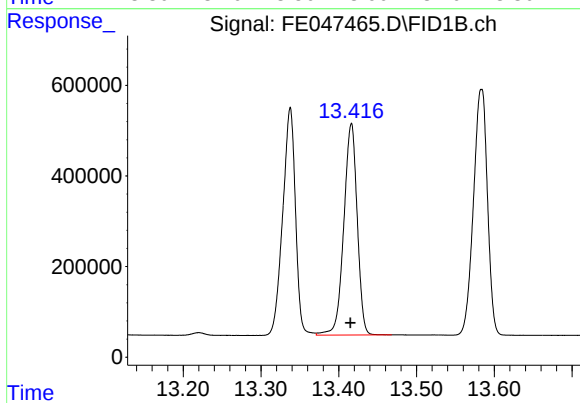
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.003 min
Response: 6975305
Conc: 43.06 ug/ml



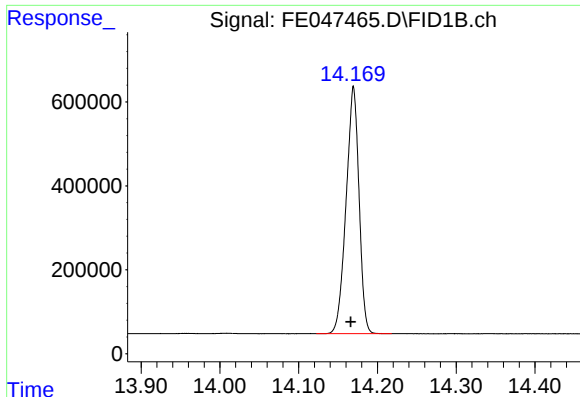
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.003 min
Response: 6774700
Conc: 42.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.001 min
Response: 5593971
Conc: 41.59 ug/ml



#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.003 min
Response: 6714661
Conc: 41.84 ug/ml

Instrument :

FID_E

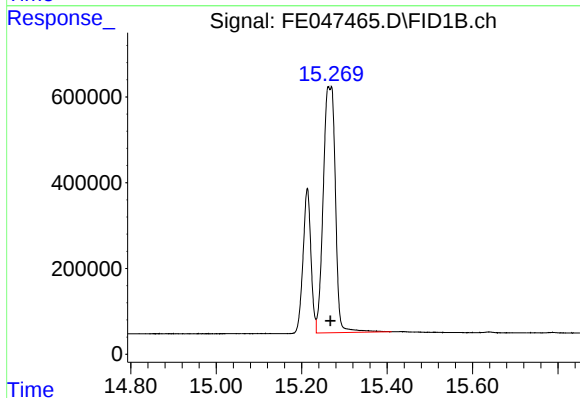
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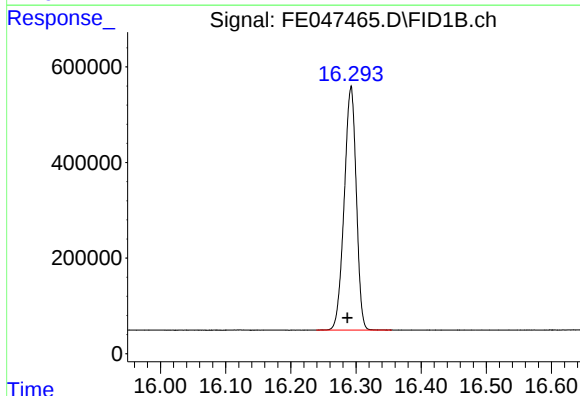
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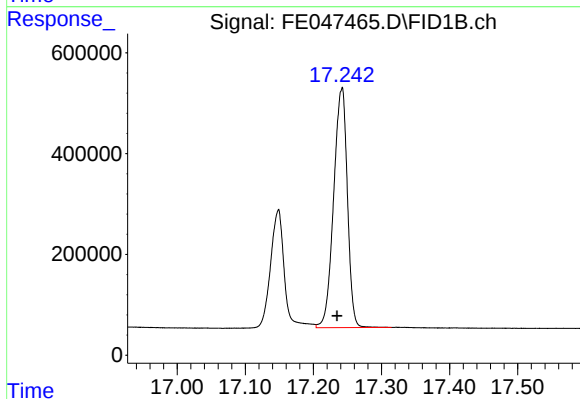
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.002 min
Response: 11339862
Conc: 68.70 ug/ml



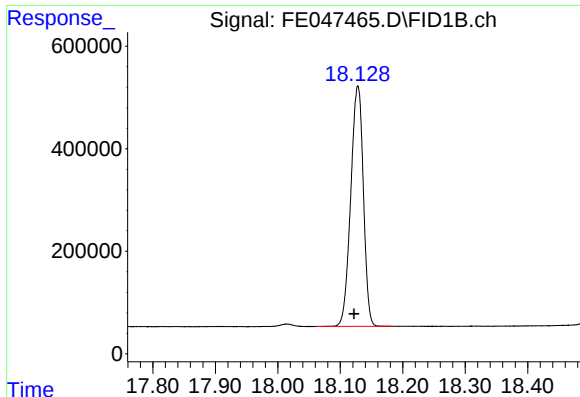
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.005 min
Response: 6551706
Conc: 39.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: 0.007 min
Response: 6668405
Conc: 40.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 6586229
Conc: 38.79 ug/ml

Instrument :

FID_E

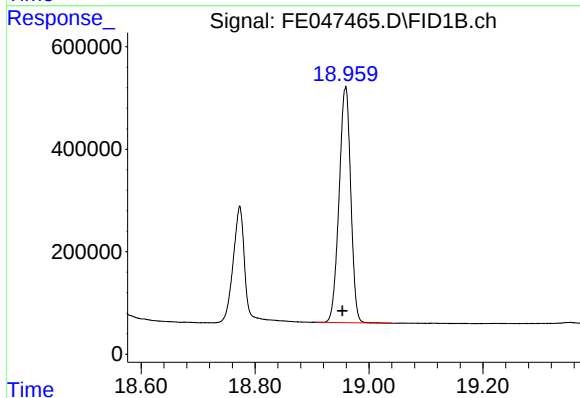
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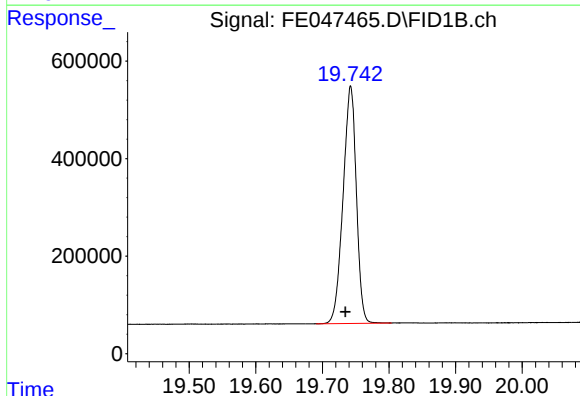
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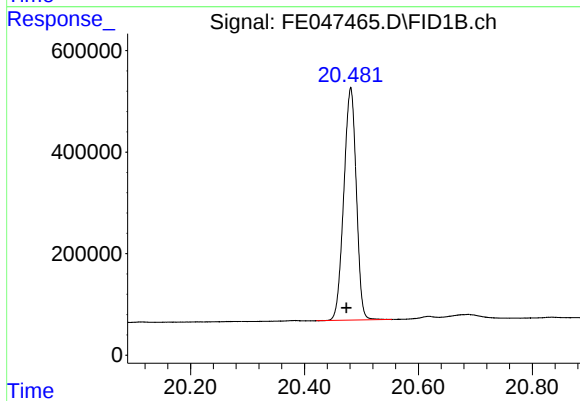
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.006 min
Response: 6539233
Conc: 39.22 ug/ml



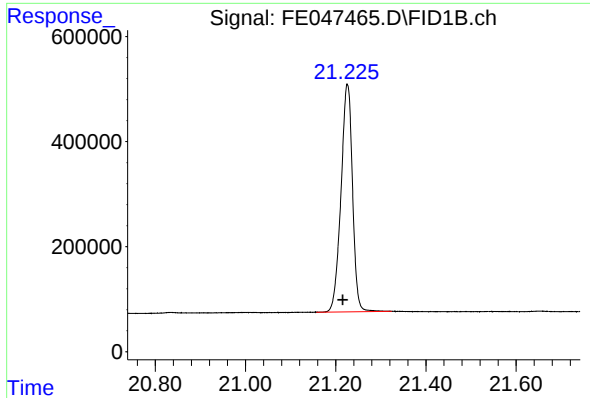
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.008 min
Response: 6747597
Conc: 42.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.007 min
Response: 6972468
Conc: 43.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.009 min
Response: 7683860
Conc: 47.28 ug/ml

Instrument :

FID_E

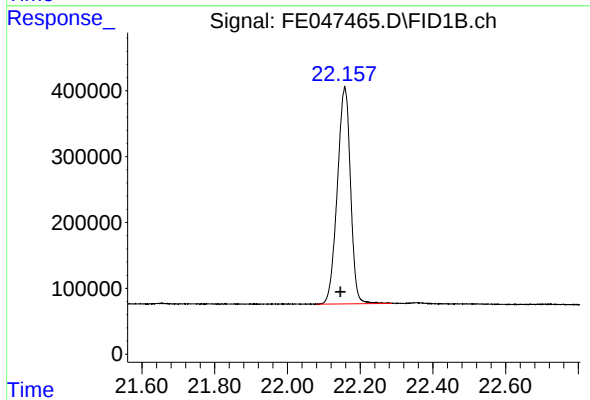
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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.012 min
Response: 8282186
Conc: 50.59 ug/ml