

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060624AL\
 Data File : FE048595.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2024 16:47
 Operator : YP\AJ
 Sample : P2740-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WCS-TPBMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2024
 Supervised By :Ankita Jodhani 06/07/2024

Integration File: autoint1.e
 Quant Time: Jun 07 01:26:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.947	6178406	43.026 ug/ml
Spiked Amount 50.000		Recovery =	86.05%
12) S 1-chlorooctadecane (S...	13.381	5256970	48.255 ug/ml
Spiked Amount 50.000		Recovery =	96.51%
Target Compounds			
1) T n-Nonane (C9)	3.335	5411812	36.198 ug/ml
2) T n-Decane (C10)	4.585	6309506	41.784 ug/ml
3) T A~Naphthalene (C11.7)	6.288	7089644	47.614 ug/ml
4) T n-Dodecane (C12)	6.748	6763314	45.690 ug/ml
5) T A~2-methylnaphthalene...	7.385	7428679	53.577 ug/ml
6) T n-Tetradecane (C14)	8.579	7525925	53.062 ug/ml
7) T n-Hexadecane (C16)	10.185	7891368	55.975 ug/ml
8) T n-Octadecane (C18)	11.629	7969260	57.380 ug/ml
10) T n-Eicosane (C20)	12.938	8021047	60.612 ug/ml
11) T n-Heneicosane (C21)	13.549	7763349	59.935 ug/ml
13) T n-Docosane (C22)	14.134	7743333	60.090 ug/ml
14) T n-Tetracosane (C24)	15.229	14497745	111.909 ug/ml
15) T n-Hexacosane (C26)	16.260	7763051	59.897 ug/ml
16) T n-Octacosane (C28)	17.207	8114561	62.780 ug/ml
17) T n-Tricontane (C30)	18.094	8037484	59.998 ug/ml
18) T n-Dotriacontane (C32)	18.926	8169565	60.185 ug/ml
19) T n-Tetratriacontane (C34)	19.708	8414248	61.507 ug/mlm
20) T n-Hexatriacontane (C36)	20.447	8335308	61.318 ug/ml
21) T n-Octatriacontane (C38)	21.187	8588773	62.980 ug/ml
22) T n-Tetracontane (C40)	22.106	8188666	59.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 15 Sample Multiplier: 1

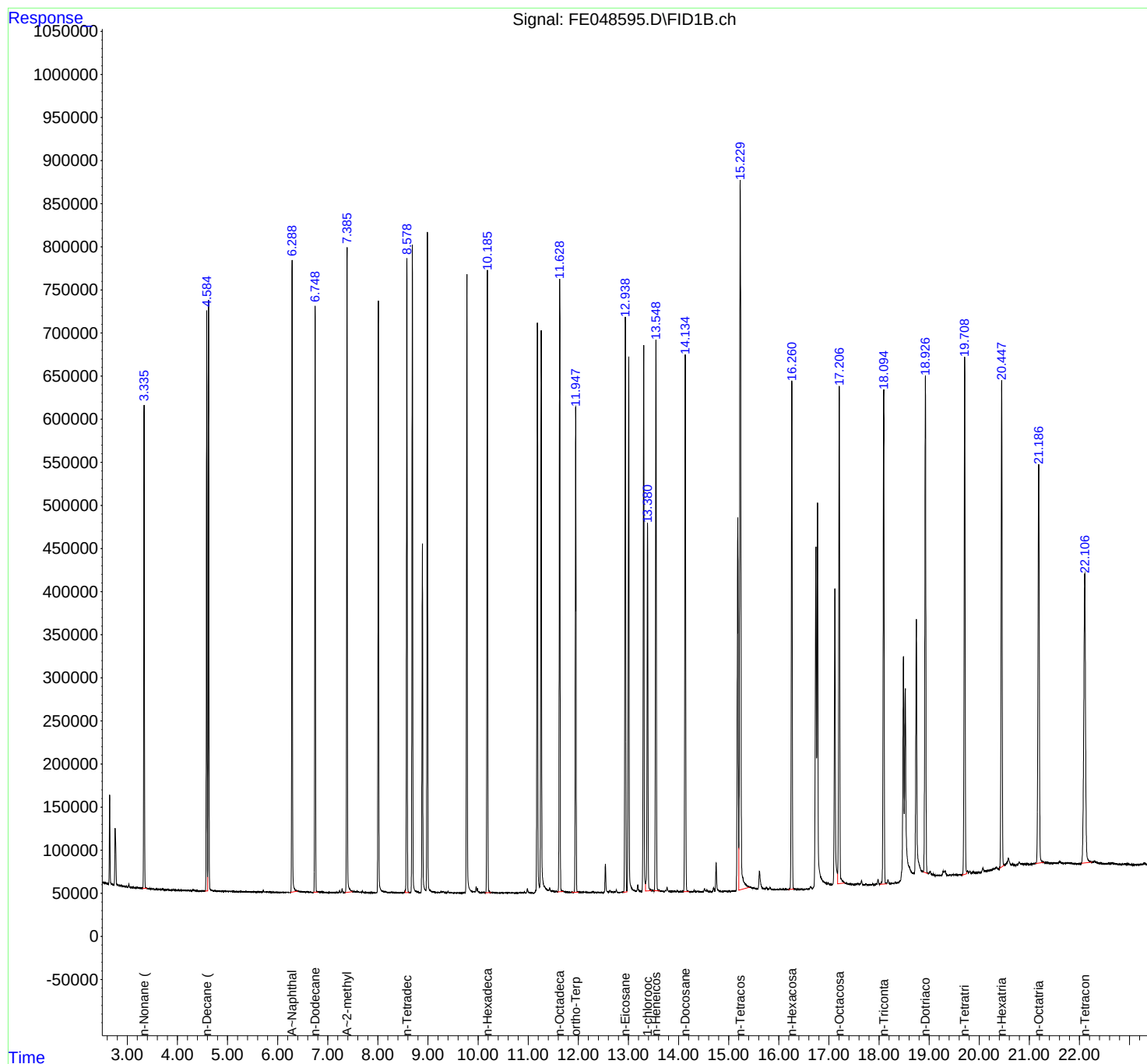
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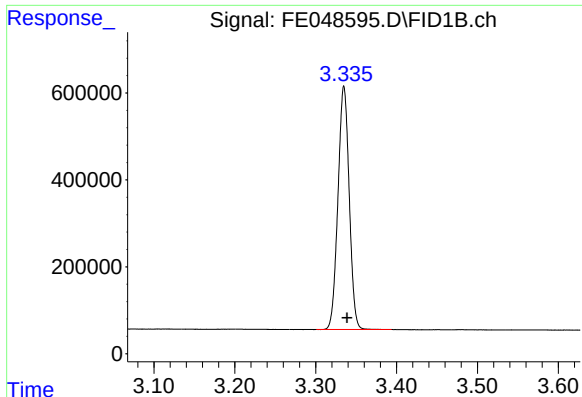
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#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: -0.004 min
Response: 5411812
Conc: 36.20 ug/ml

Instrument :

FID_E

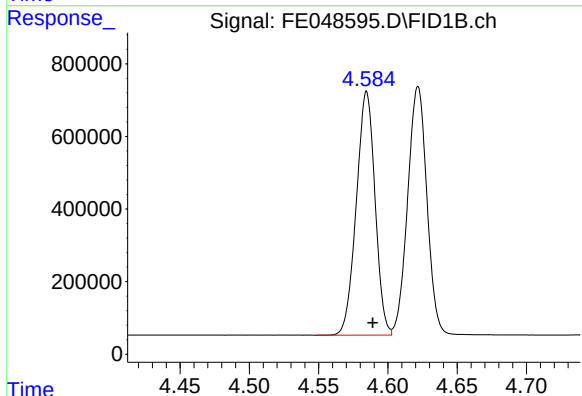
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WCS-TPBMSD

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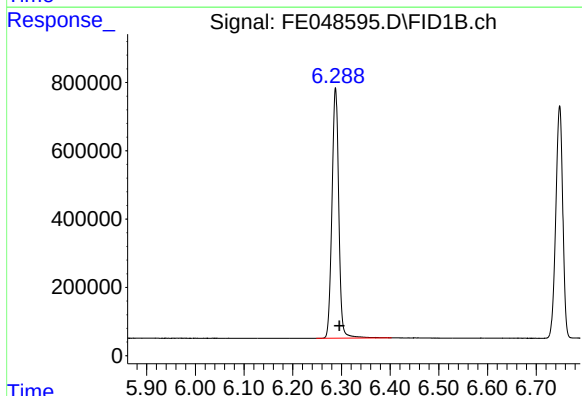
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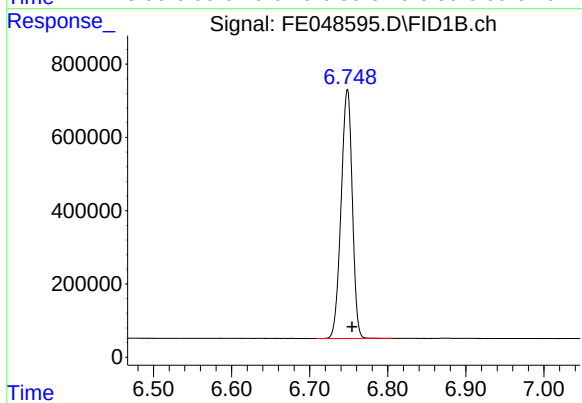
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.004 min
Response: 6309506
Conc: 41.78 ug/ml



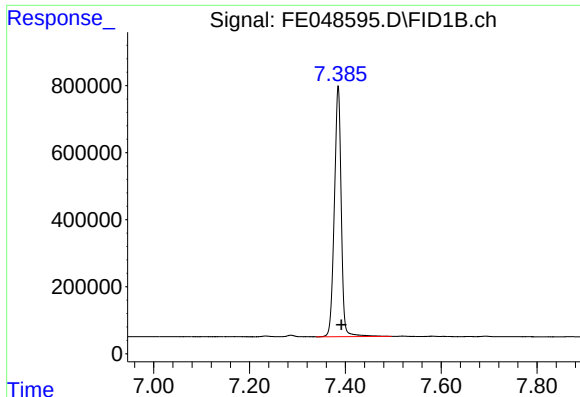
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 7089644
Conc: 47.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 6763314
Conc: 45.69 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 7428679
Conc: 53.58 ug/ml

Instrument :

FID_E

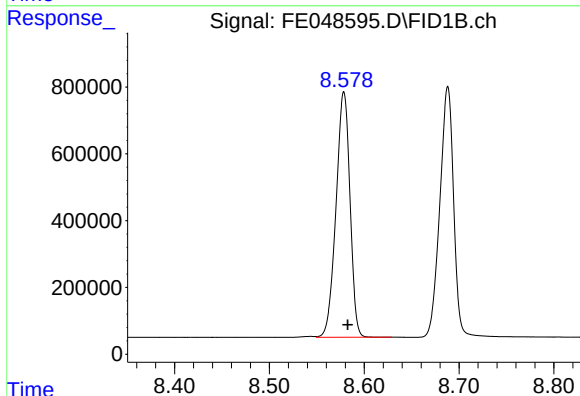
ClientSampleId :

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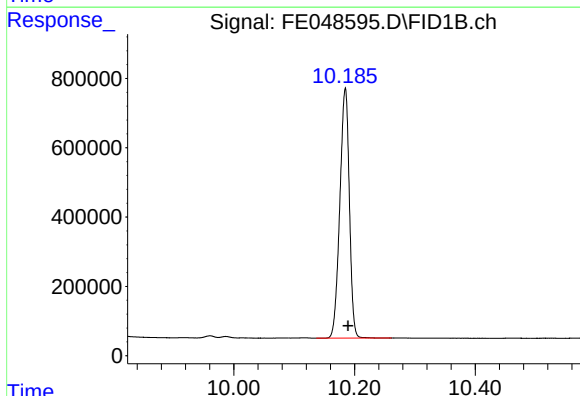
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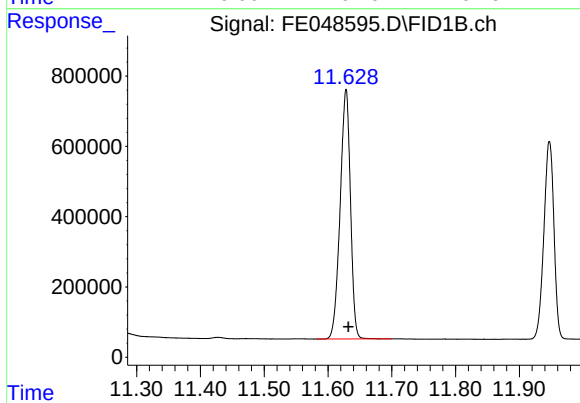
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.004 min
Response: 7525925
Conc: 53.06 ug/ml



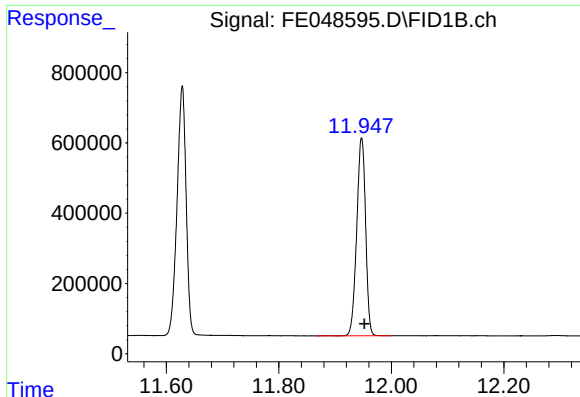
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.004 min
Response: 7891368
Conc: 55.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: -0.003 min
Response: 7969260
Conc: 57.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: -0.005 min
Response: 6178406
Conc: 43.03 ug/ml

Instrument :

FID_E

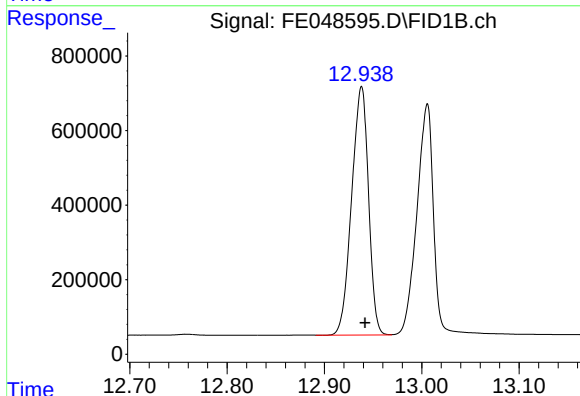
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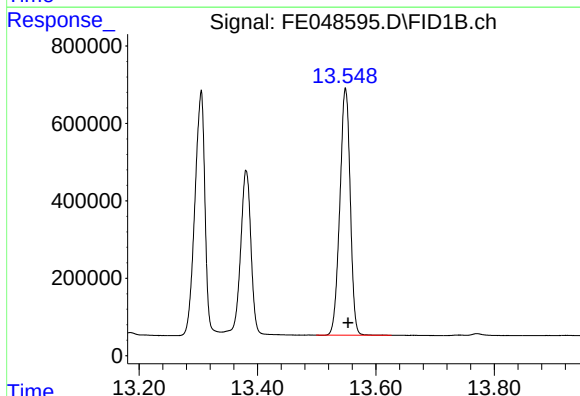
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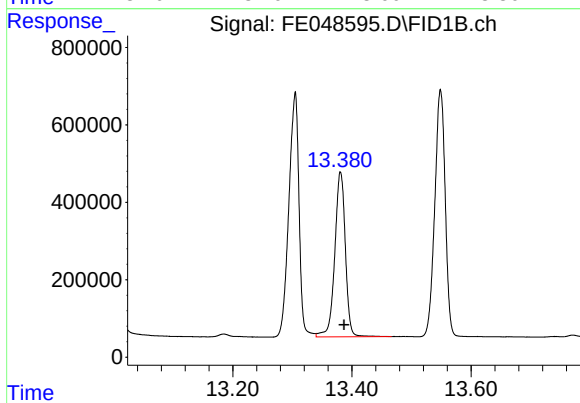
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.003 min
Response: 8021047
Conc: 60.61 ug/ml



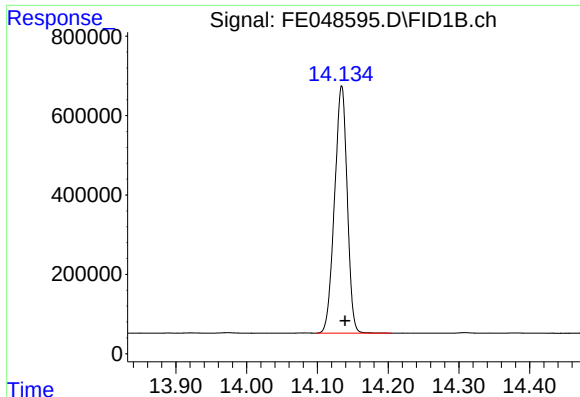
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.004 min
Response: 7763349
Conc: 59.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.006 min
Response: 5256970
Conc: 48.25 ug/ml



#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.005 min
Response: 7743333
Conc: 60.09 ug/ml

Instrument :

FID_E

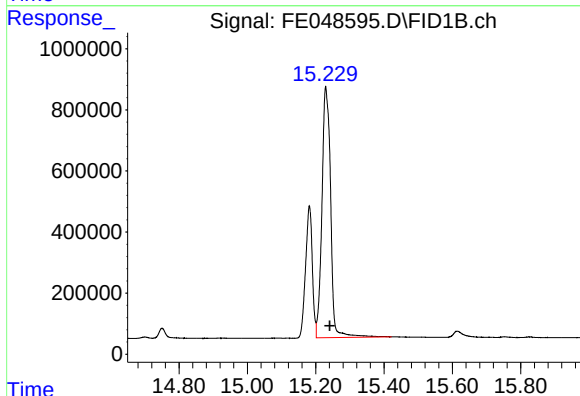
ClientSampleId :

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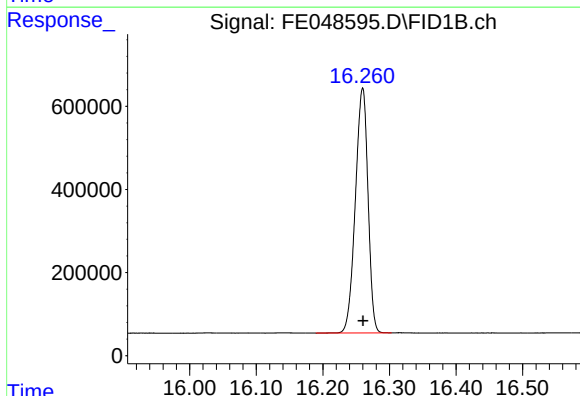
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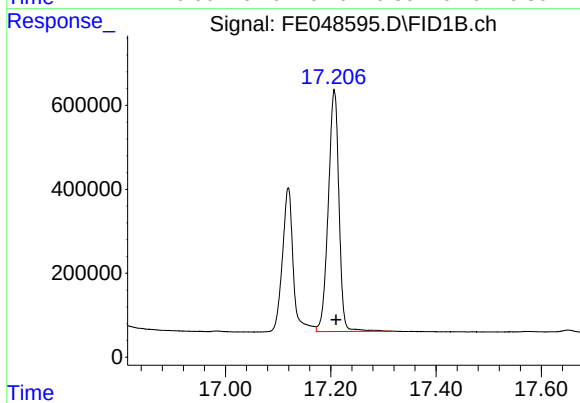
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.012 min
Response: 14497745
Conc: 111.91 ug/ml



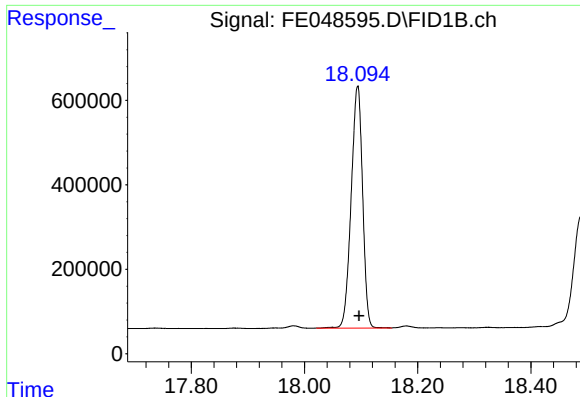
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 7763051
Conc: 59.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.004 min
Response: 8114561
Conc: 62.78 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.002 min
Response: 8037484
Conc: 60.00 ug/ml

Instrument :

FID_E

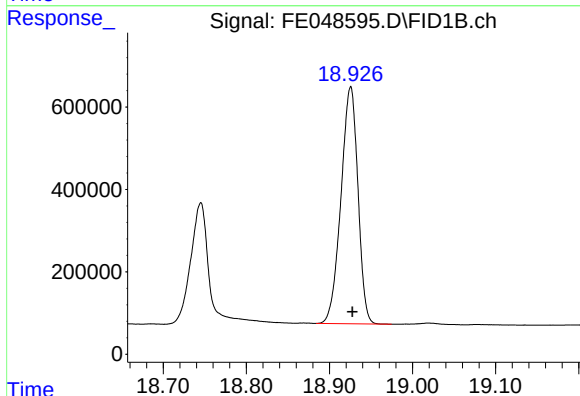
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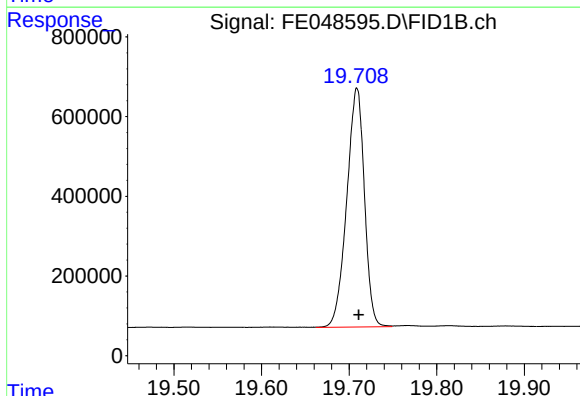
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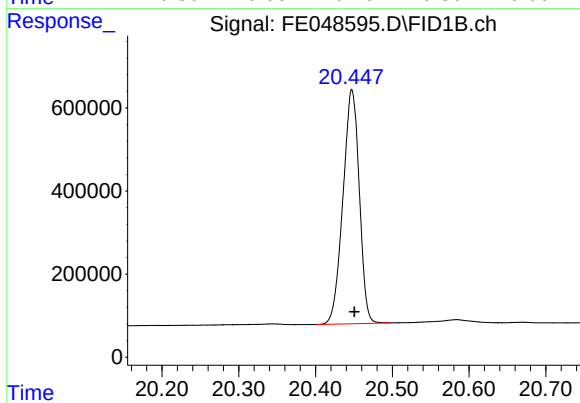
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.002 min
Response: 8169565
Conc: 60.18 ug/ml



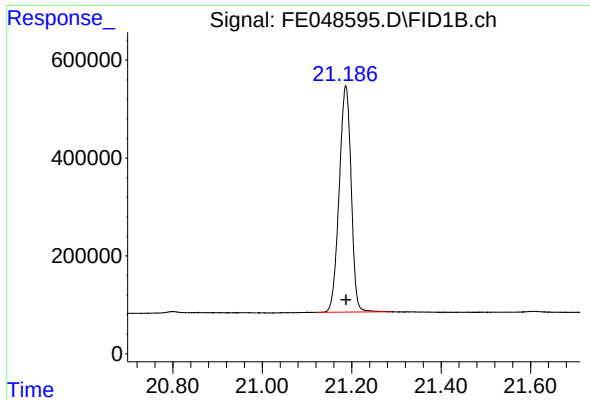
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.003 min
Response: 8414248
Conc: 61.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: -0.003 min
Response: 8335308
Conc: 61.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.000 min
Response: 8588773
Conc: 62.98 ug/ml

Instrument :

FID_E

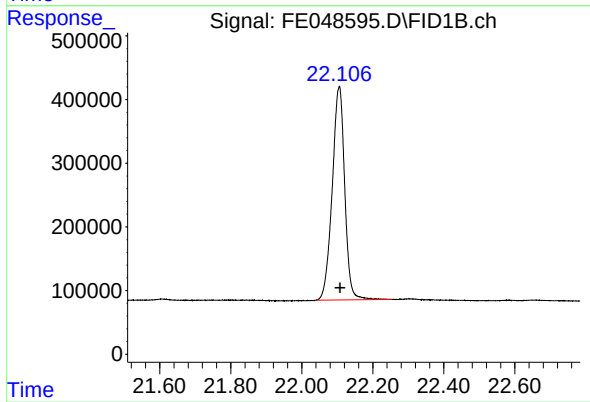
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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.002 min
Response: 8188666
Conc: 59.81 ug/ml