

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061424AL\
 Data File : FE048727.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2024 14:22
 Operator : YP\AJ
 Sample : PB161491BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161491BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2024
 Supervised By :Ankita Jodhani 06/17/2024

Integration File: autoint1.e
 Quant Time: Jun 15 00:51:46 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)	11.941	6462302	45.003 ug/ml
Spiked Amount 50.000		Recovery =	90.01%
12) S 1-chlorooctadecane (S...	13.374	5470431	50.214 ug/ml
Spiked Amount 50.000		Recovery =	100.43%
Target Compounds			
1) T n-Nonane (C9)	3.338	5800280	38.796 ug/ml
2) T n-Decane (C10)	4.582	6279171	41.583 ug/ml
3) T A~Naphthalene (C11.7)	6.283	6868417	46.128 ug/ml
4) T n-Dodecane (C12)	6.742	6294853	42.525 ug/ml
5) T A~2-methylnaphthalene...	7.379	6852030	49.418 ug/ml
6) T n-Tetradecane (C14)	8.572	6507767	45.883 ug/ml
7) T n-Hexadecane (C16)	10.178	6409479	45.464 ug/ml
8) T n-Octadecane (C18)	11.621	6254716	45.035 ug/ml
10) T n-Eicosane (C20)	12.930	6185918	46.744 ug/ml
11) T n-Heneicosane (C21)	13.541	5967381	46.070 ug/ml
13) T n-Docosane (C22)	14.127	5919670	45.938 ug/ml
14) T n-Tetracosane (C24)	15.226	11061302	85.383 ug/ml
15) T n-Hexacosane (C26)	16.251	5896112	45.493 ug/ml
16) T n-Octacosane (C28)	17.198	6100226	47.196 ug/ml
17) T n-Tricontane (C30)	18.086	5997927	44.773 ug/ml
18) T n-Dotriacontane (C32)	18.918	6129417	45.155 ug/ml
19) T n-Tetratriacontane (C34)	19.700	5949911	43.493 ug/ml
20) T n-Hexatriacontane (C36)	20.439	5483217	40.337 ug/ml
21) T n-Octatriacontane (C38)	21.175	5193261	38.081 ug/ml
22) T n-Tetracontane (C40)	22.088	4668513	34.096 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB161491BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

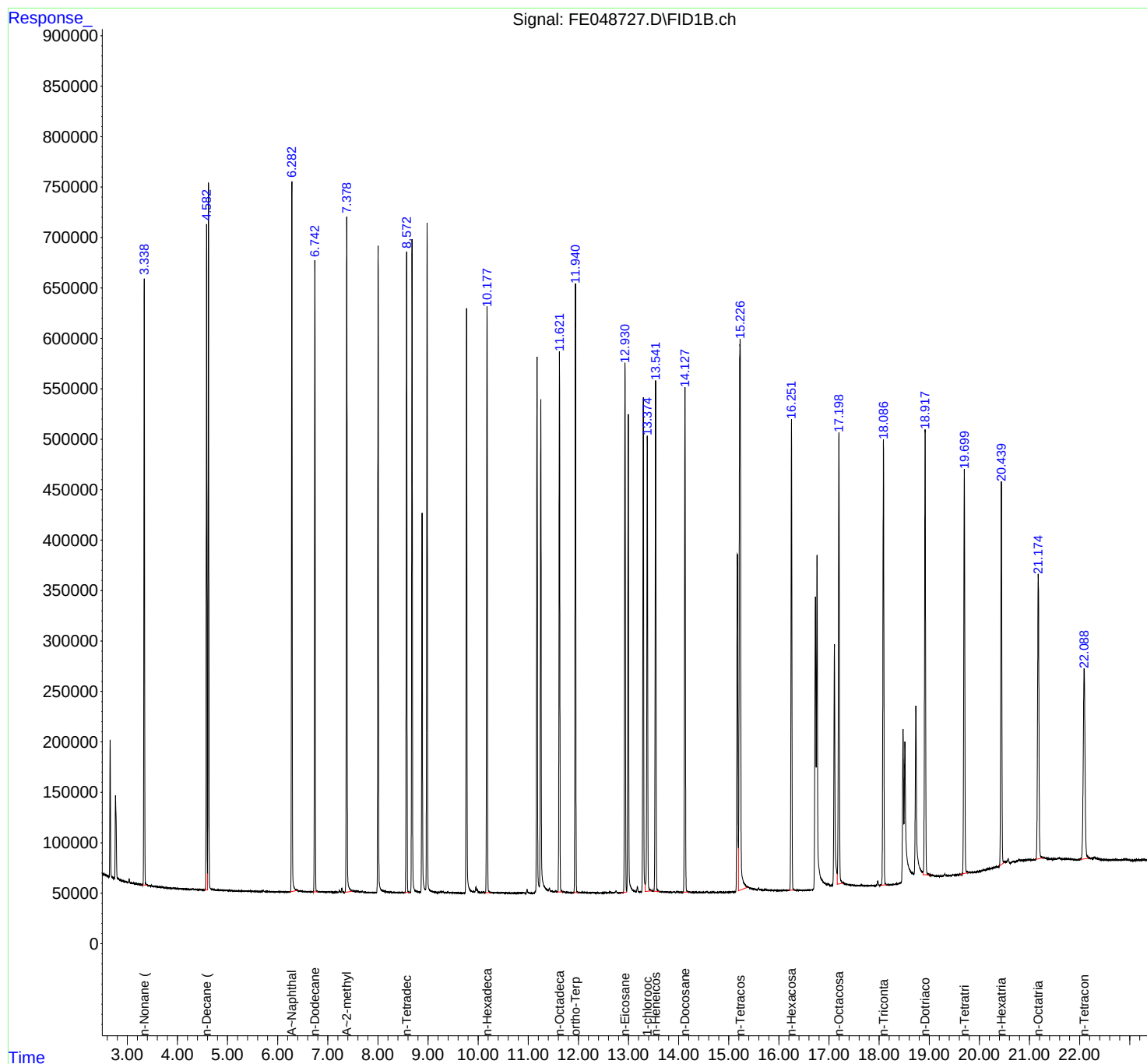
Instrument :
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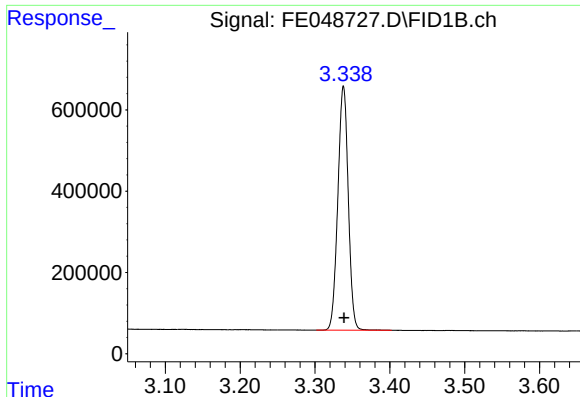
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: 0.000 min
Response: 5800280
Conc: 38.80 ug/ml

Instrument :

FID_E

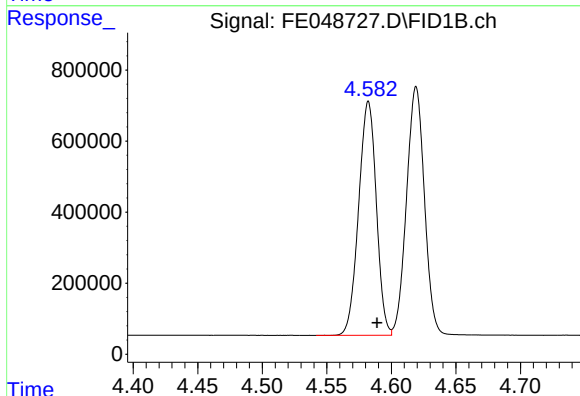
ClientSampleId :

PB161491BSD

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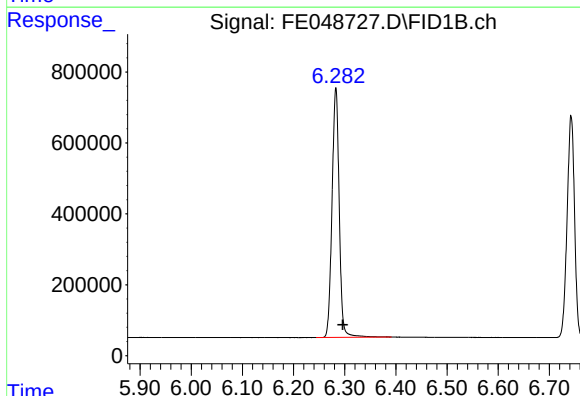
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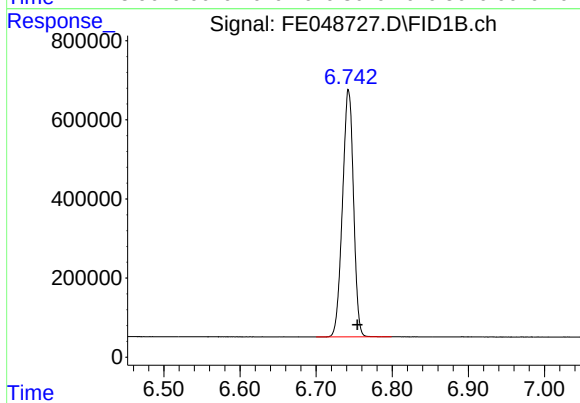
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 6279171
Conc: 41.58 ug/ml



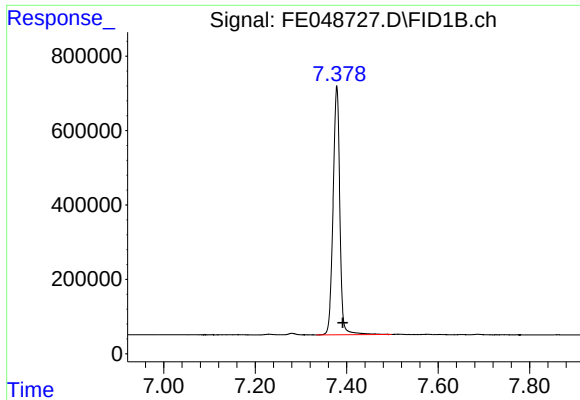
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.013 min
Response: 6868417
Conc: 46.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 6294853
Conc: 42.53 ug/ml



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

R.T.: 7.379 min
Delta R.T.: -0.013 min
Response: 6852030
Conc: 49.42 ug/ml

Instrument :

FID_E

ClientSampleId :

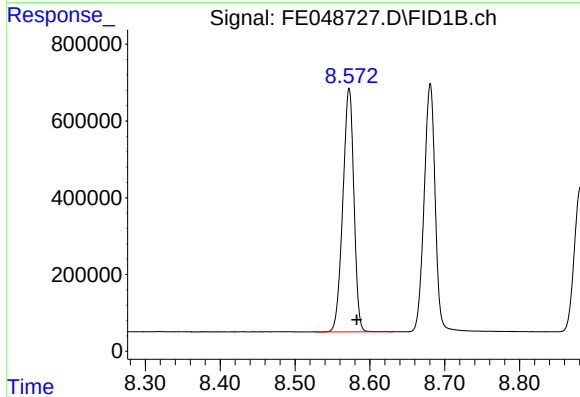
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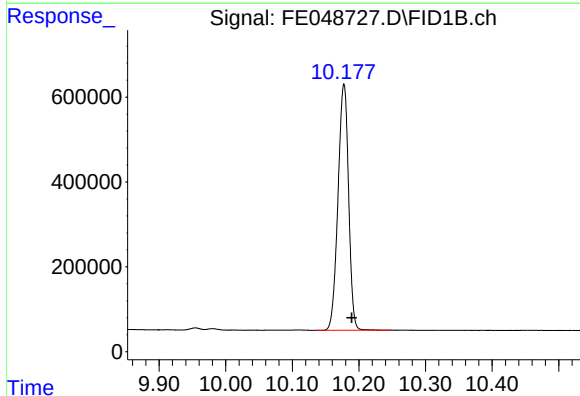
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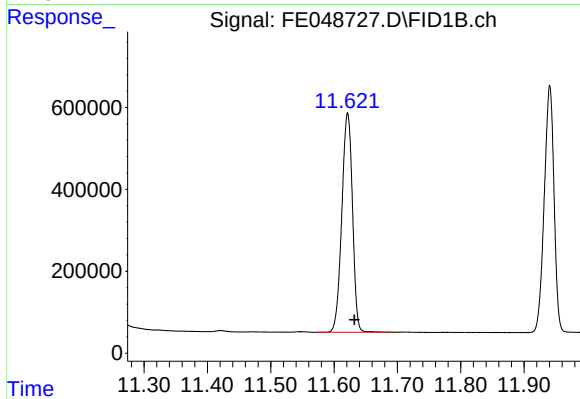
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 6507767
Conc: 45.88 ug/ml



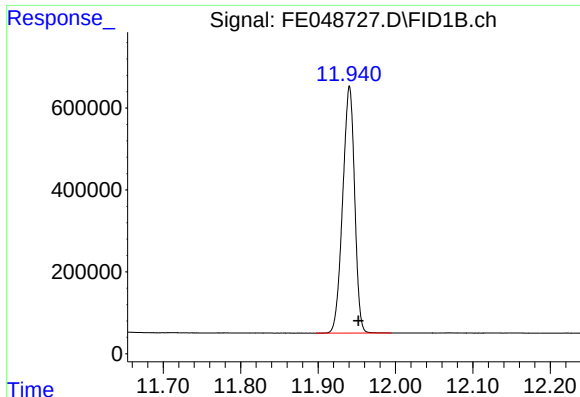
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.012 min
Response: 6409479
Conc: 45.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.010 min
Response: 6254716
Conc: 45.03 ug/ml



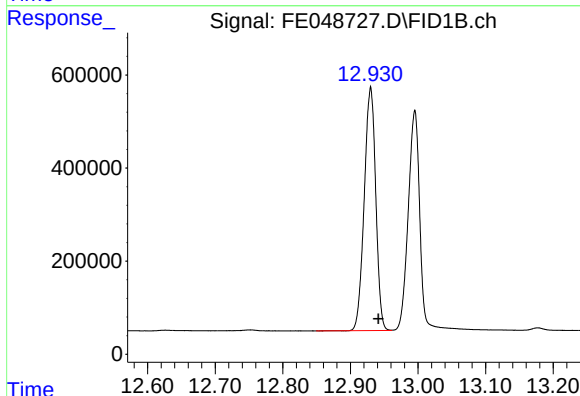
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.011 min
Response: 6462302
Conc: 45.00 ug/ml

Instrument :
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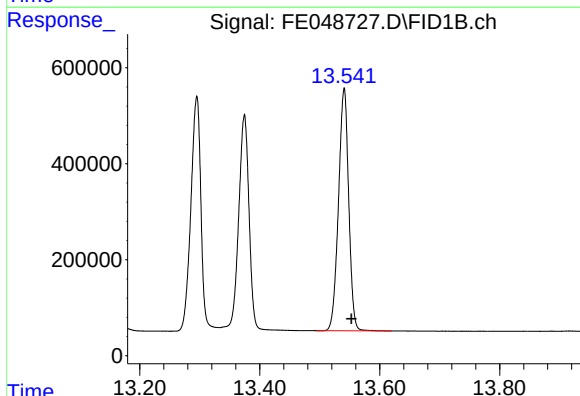
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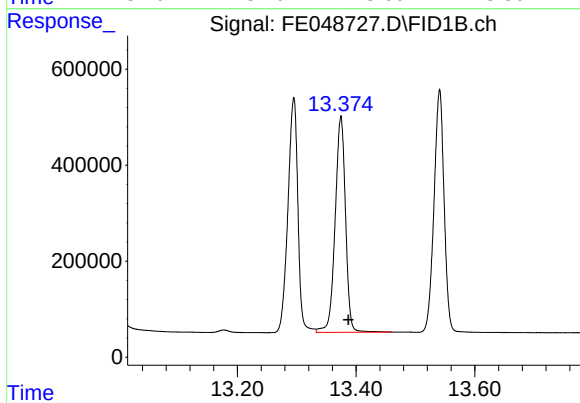
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.012 min
Response: 6185918
Conc: 46.74 ug/ml



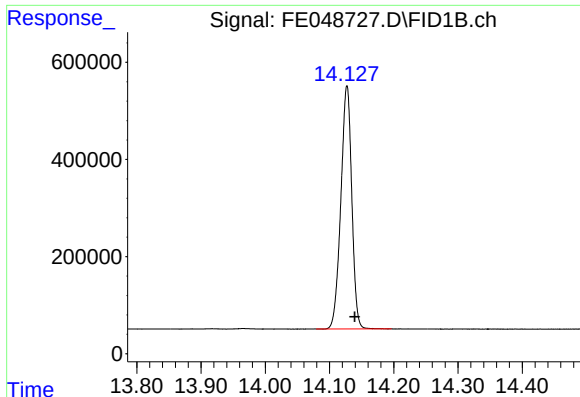
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.012 min
Response: 5967381
Conc: 46.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.012 min
Response: 5470431
Conc: 50.21 ug/ml



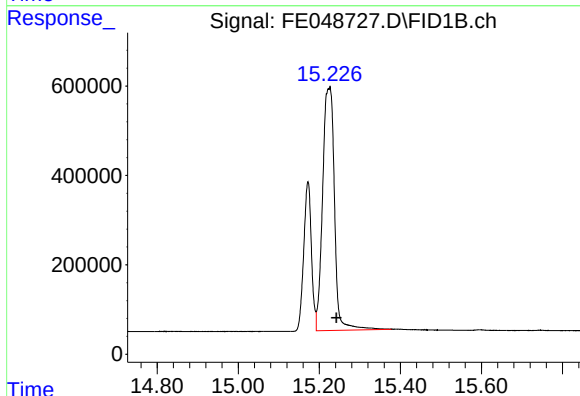
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.012 min
Response: 5919670
Conc: 45.94 ug/ml

Instrument :
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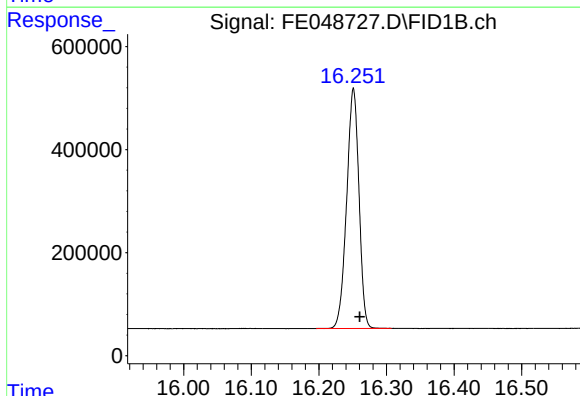
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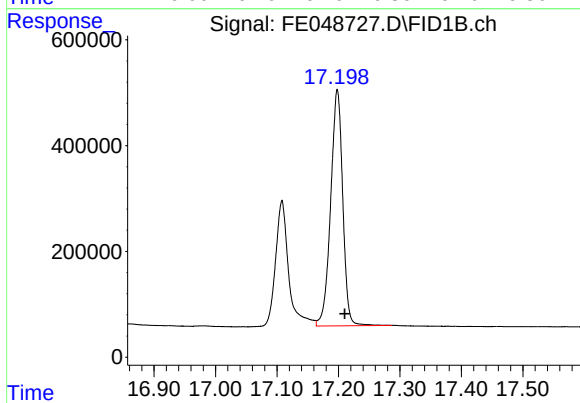
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.016 min
Response: 11061302
Conc: 85.38 ug/ml



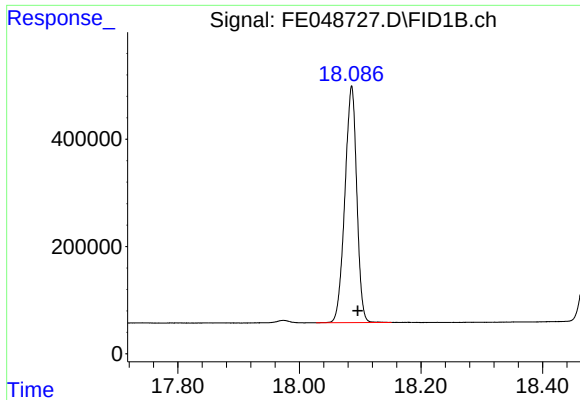
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 5896112
Conc: 45.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.012 min
Response: 6100226
Conc: 47.20 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.010 min
Response: 5997927
Conc: 44.77 ug/ml

Instrument :

FID_E

ClientSampleId :

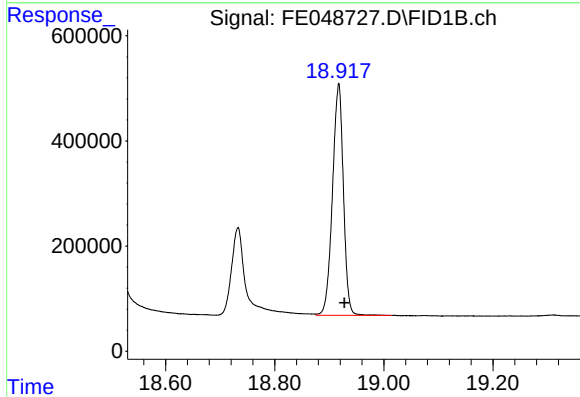
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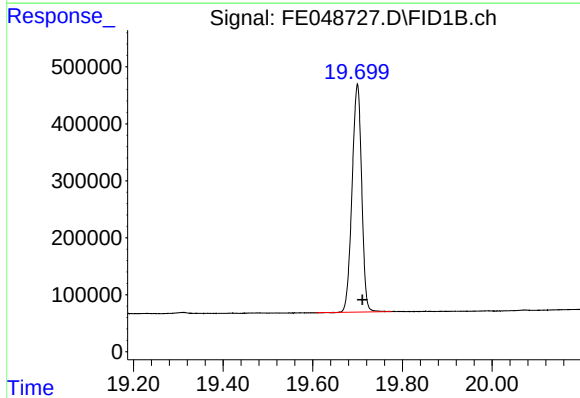
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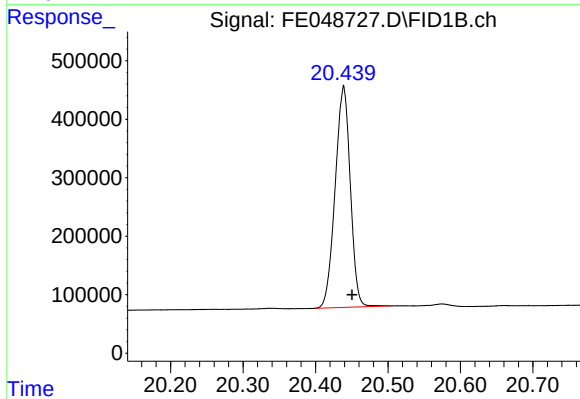
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.010 min
Response: 6129417
Conc: 45.16 ug/ml



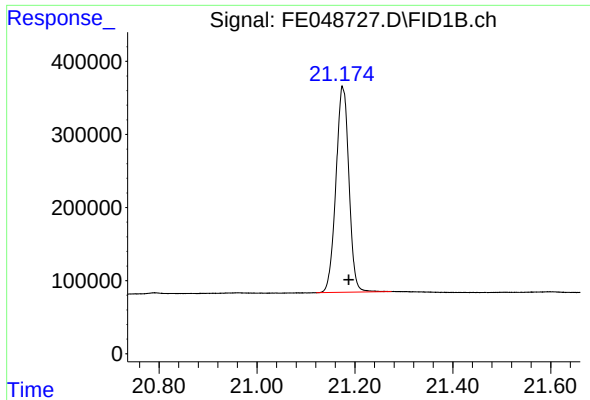
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 5949911
Conc: 43.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.012 min
Response: 5483217
Conc: 40.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: -0.013 min
Response: 5193261
Conc: 38.08 ug/ml

Instrument :

FID_E

ClientSampleId :

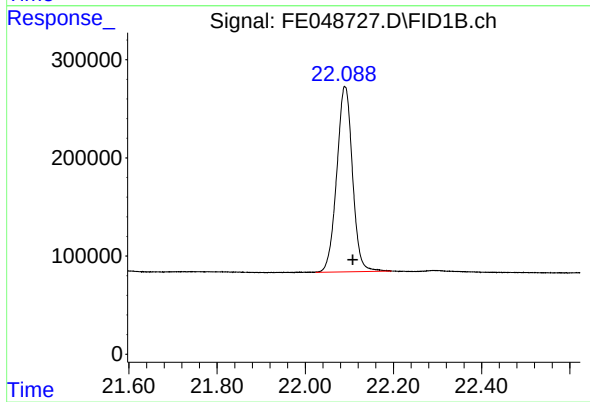
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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.019 min
Response: 4668513
Conc: 34.10 ug/ml m