

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041459.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 19:24
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 04:29:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 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)	11.970	1945799	10.570 ug/ml
Spiked Amount 50.000		Recovery =	21.14%
12) S 1-chlorooctadecane (S...	13.406	1459999	10.505 ug/ml
Spiked Amount 50.000		Recovery =	21.01%
Target Compounds			
1) T n-Nonane (C9)	3.355	1519629	10.517 ug/ml
2) T n-Decane (C10)	4.606	1548987	10.507 ug/ml
3) T A~Naphthalene (C11.7)	6.308	1711801	10.521 ug/ml
4) T n-Dodecane (C12)	6.773	1569400	10.496 ug/ml
5) T A~2-methylnaphthalene...	7.403	1667561	10.513 ug/ml
6) T n-Tetradecane (C14)	8.602	1569000	10.482 ug/ml
7) T n-Hexadecane (C16)	10.209	1646801	10.502 ug/ml
8) T n-Octadecane (C18)	11.652	1694967	10.521 ug/ml
10) T n-Eicosane (C20)	12.962	1663595	10.534 ug/ml
11) T n-Heneicosane (C21)	13.574	1647929	10.523 ug/ml
13) T n-Docosane (C22)	14.161	1644515	10.493 ug/ml
14) T n-Tetracosane (C24)	15.263	1666738	10.531 ug/ml
15) T n-Hexacosane (C26)	16.284	1635171	10.506 ug/ml
16) T n-Octacosane (C28)	17.232	1593886	10.525 ug/ml
17) T n-Tricontane (C30)	18.120	1580001	10.535 ug/ml
18) T n-Dotriacontane (C32)	18.952	1549957	10.557 ug/ml
19) T n-Tetratriacontane (C34)	19.734	1465194	10.558 ug/mlm
20) T n-Hexatriacontane (C36)	20.473	1402389	10.632 ug/ml
21) T n-Octatriacontane (C38)	21.224	1385638	10.777 ug/ml
22) T n-Tetracontane (C40)	22.158	1343661	10.767 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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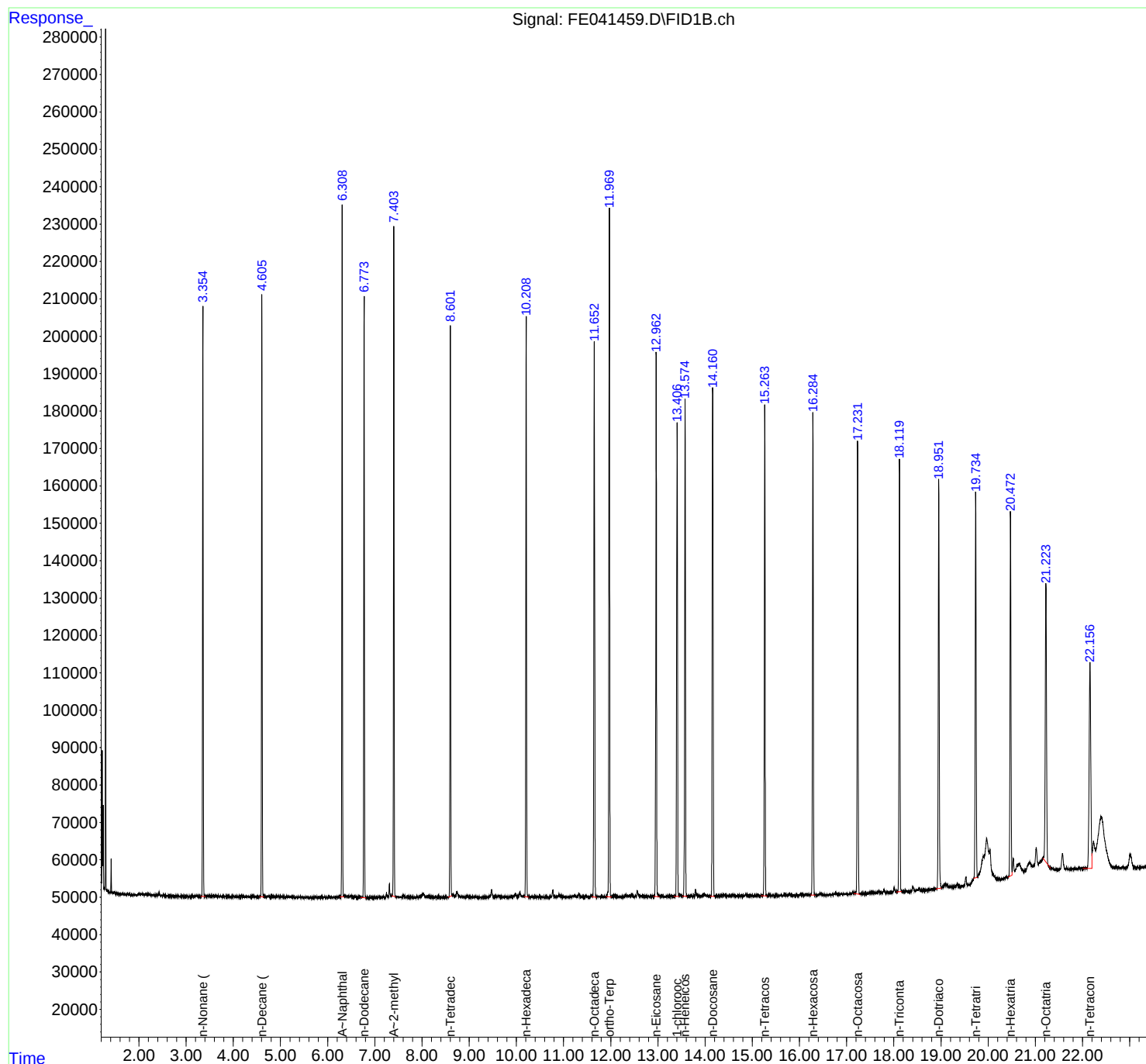
Instrument :
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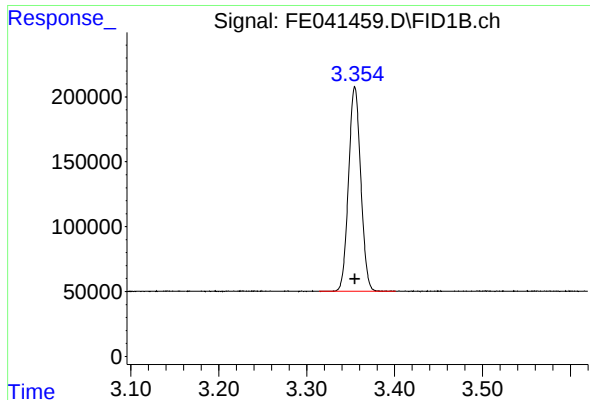
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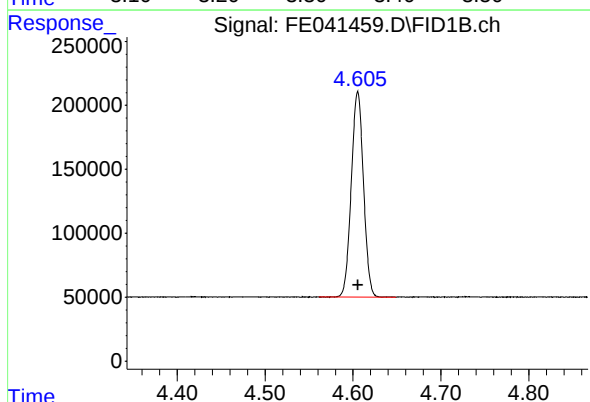
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 1519629
Conc: 10.52 ug/ml

Instrument :
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ClientSampleId :
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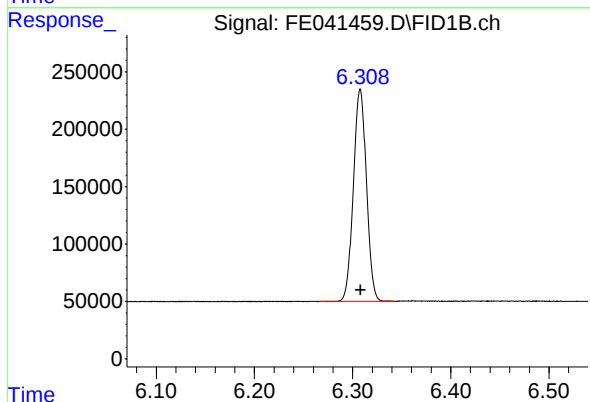
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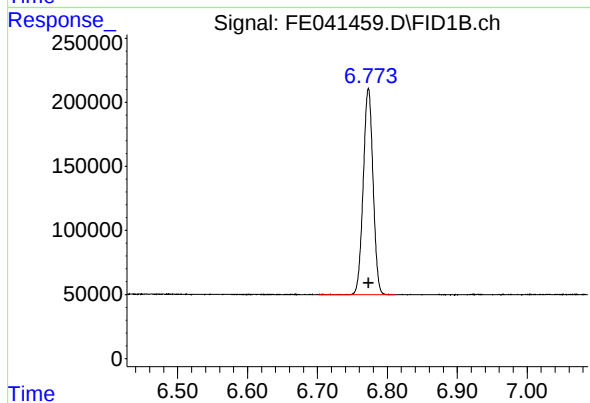
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 1548987
Conc: 10.51 ug/ml



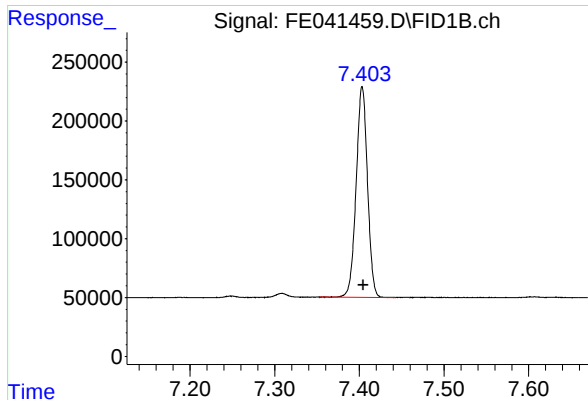
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 1711801
Conc: 10.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 1569400
Conc: 10.50 ug/ml



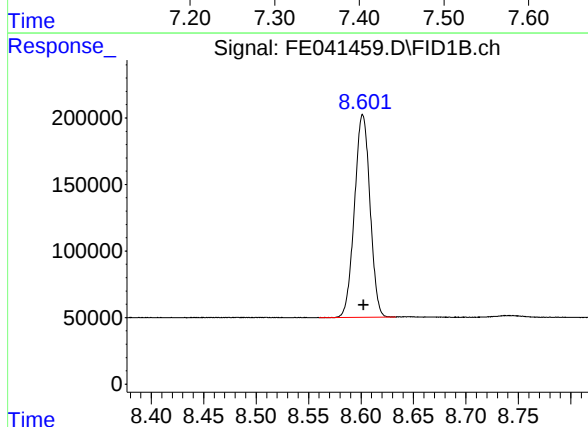
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 1667561
Conc: 10.51 ug/ml

Instrument :
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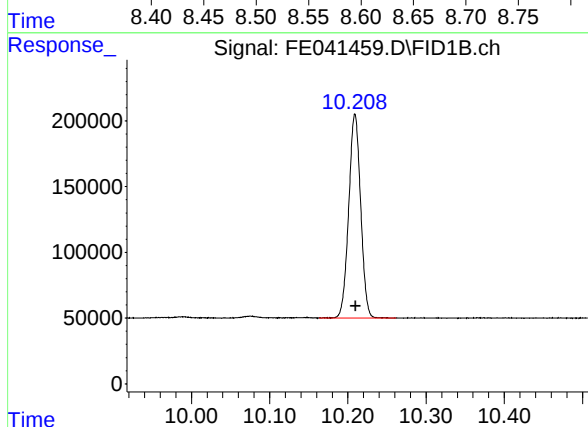
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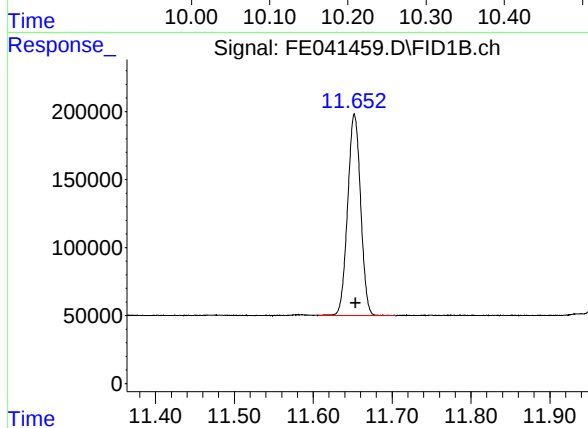
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 1569000
Conc: 10.48 ug/ml



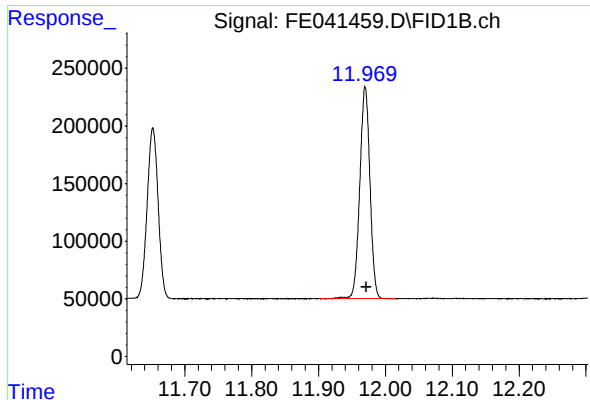
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.000 min
Response: 1646801
Conc: 10.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 1694967
Conc: 10.52 ug/ml



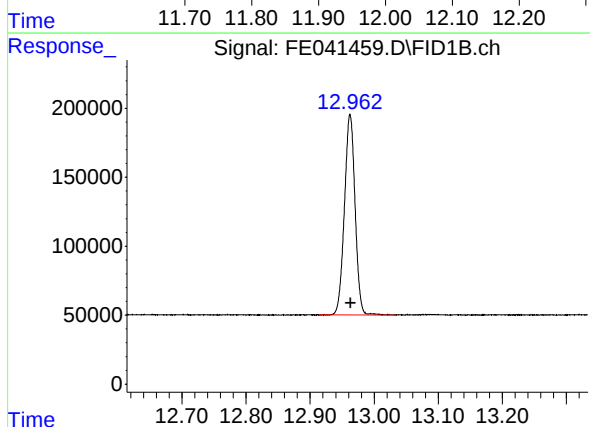
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.002 min
Response: 1945799
Conc: 10.57 ug/ml

Instrument :
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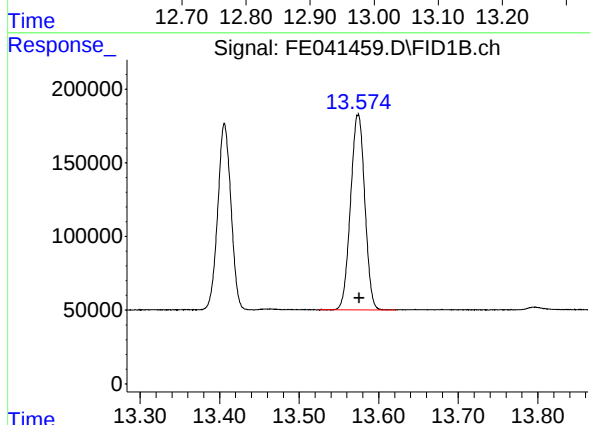
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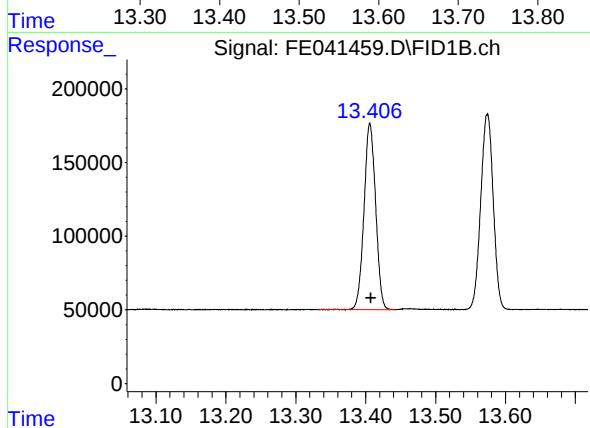
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.001 min
Response: 1663595
Conc: 10.53 ug/ml



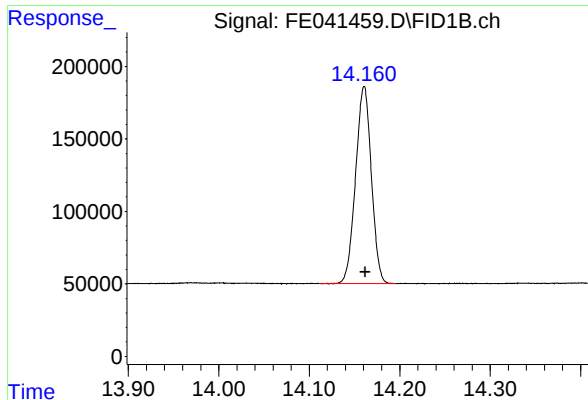
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 1647929
Conc: 10.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.001 min
Response: 1459999
Conc: 10.51 ug/ml



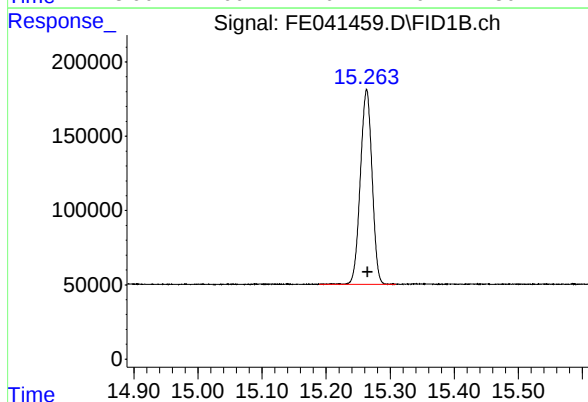
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.001 min
Response: 1644515
Conc: 10.49 ug/ml

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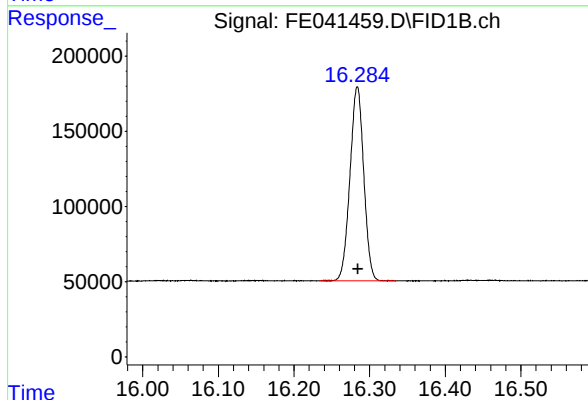
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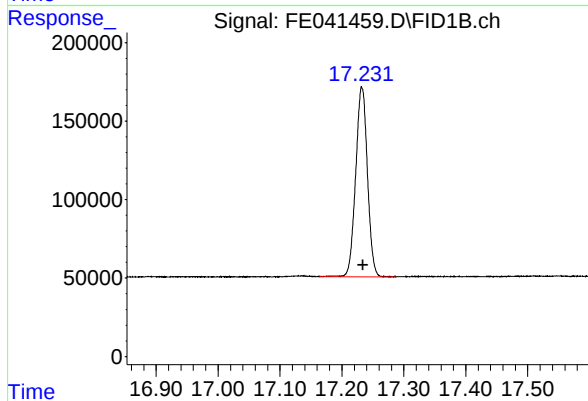
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 1666738
Conc: 10.53 ug/ml



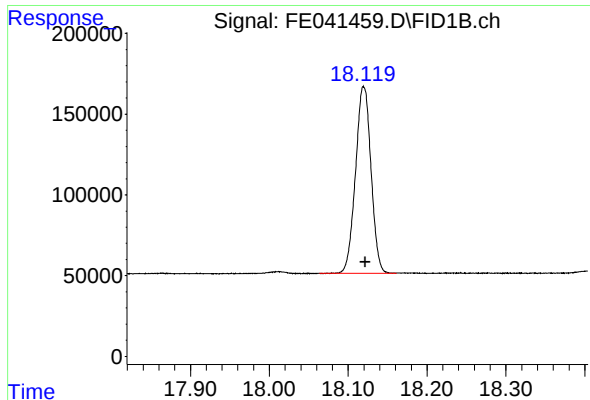
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.000 min
Response: 1635171
Conc: 10.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: -0.002 min
Response: 1593886
Conc: 10.52 ug/ml



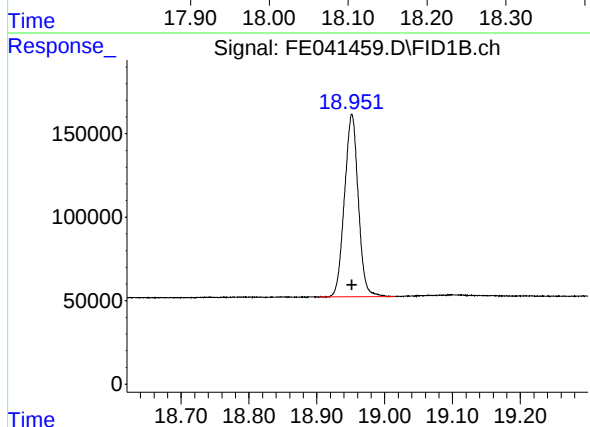
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 1580001
Conc: 10.53 ug/ml

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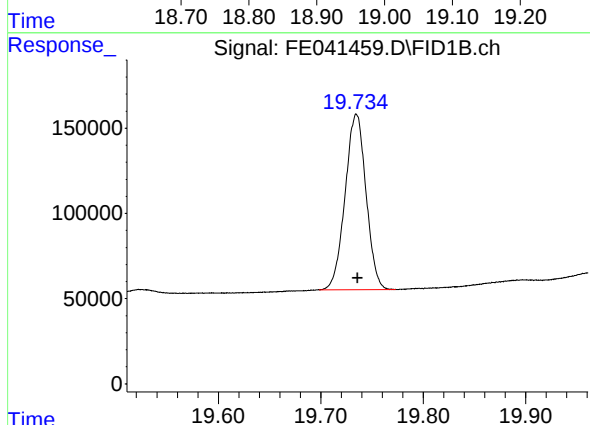
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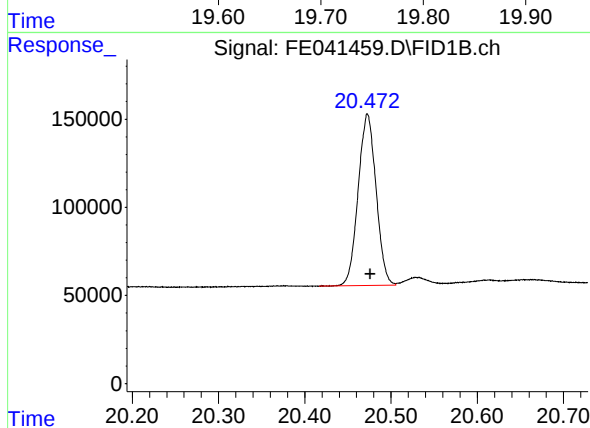
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 1549957
Conc: 10.56 ug/ml



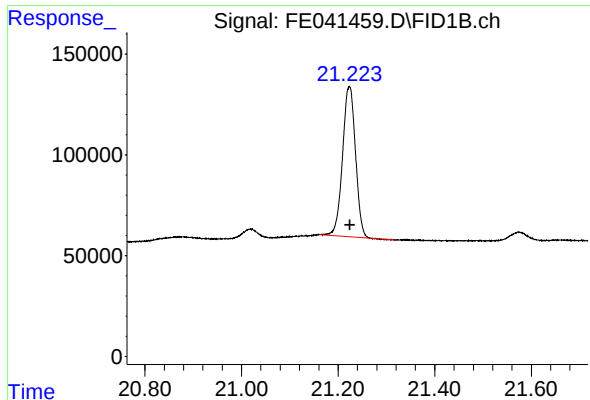
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.002 min
Response: 1465194
Conc: 10.56 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 1402389
Conc: 10.63 ug/ml



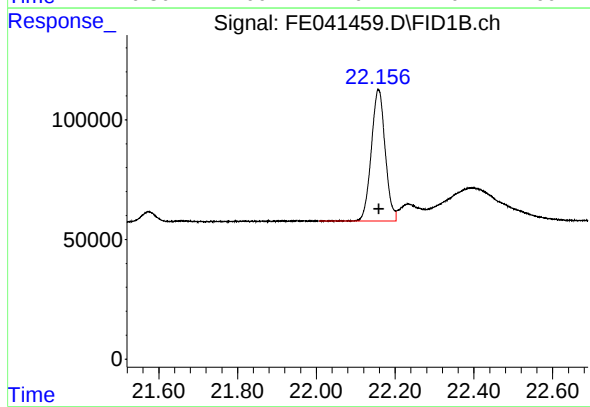
#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.001 min
Response: 1385638
Conc: 10.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: -0.001 min
Response: 1343661
Conc: 10.77 ug/ml